

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070920\
 Data File : VX017298.D
 Acq On : 09 Jul 2020 10:29
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 09 11:41:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 11:39:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	58348	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	309025	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	291154	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	128054	28.66	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.53%
60) 4-Bromofluorobenzene	11.12	95	143352	29.28	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.60%
63) Toluene-d8	8.70	98	380849	29.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	15305	5.398 ug/l	98
3) Chloromethane	1.31	50	14124	3.925 ug/l	94
4) Vinyl Chloride	1.39	62	15472	4.209 ug/l	99
5) Bromomethane	1.63	94	11576	4.418 ug/l	91
6) Chloroethane	1.71	64	10205	4.267 ug/l	94
7) Trichlorofluoromethane	1.92	101	27824	4.534 ug/l	89
8) Diethyl Ether	2.17	74	9862	4.466 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	15690	4.808 ug/l	98
10) 1,1-Dichloroethene	2.36	96	14889	4.669 ug/l	94
11) Methyl Iodide	2.49	142	11088	2.628 ug/l	99
12) Methyl Acetate	2.75	43	18684	4.545 ug/l	97
13) Acrolein	2.27	56	10270	16.150 ug/l	99
14) Acrylonitrile	3.11	53	42842	22.307 ug/l	99
15) Acetone	2.42	58	10869	22.048 ug/l	91
16) Carbon Disulfide	2.55	76	35658	3.596 ug/l	96
17) Allyl chloride	2.70	41	27177	4.589 ug/l	92
18) Methylene Chloride	2.83	84	19447	5.030 ug/l	96
19) trans-1,2-Dichloroethene	3.14	96	16801	4.577 ug/l	94
20) Diisopropyl ether	3.82	45	53168	4.433 ug/l	88
21) 1,1-Dichloroethane	3.67	63	30484	4.615 ug/l	98
22) cis-1,2-Dichloroethene	4.56	96	19607	4.822 ug/l	96
23) tert-Butyl Alcohol	3.01	59	16656	19.850 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	53514	4.648 ug/l	98
25) Chloroform	5.17	83	31862	4.714 ug/l	94
26) Cyclohexane	5.54	56	22700	3.988 ug/l	# 100
29) 1,1-Dichloropropene	5.76	75	21632	4.435 ug/l	86
30) 2-Butanone	4.64	43	55736	21.887 ug/l	# 98
31) 2,2-Dichloropropane	4.54	77	29710	5.261 ug/l	# 86
32) 1,1,1-Trichloroethane	5.46	97	29077	4.873 ug/l	98
33) Carbon Tetrachloride	5.74	117	27617	5.184 ug/l	98
34) Benzene	6.11	78	66357	4.680 ug/l	97
35) Methacrylonitrile	5.00	41	12895	4.591 ug/l	95
36) 1,2-Dichloroethane	6.17	62	26072	4.771 ug/l	# 90
37) Trichloroethene	7.19	130	20526	5.220 ug/l	99
38) Methylcyclohexane	7.44	83	22533	4.088 ug/l	97
39) 1,2-Dichloropropane	7.49	63	17106	4.621 ug/l	96
40) Dibromomethane	7.63	93	12673	4.949 ug/l	99

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 Data File : VX017298.D
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Quant Time: Jul 09 11:41:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 11:39:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	25759	4.855	ug/l	91
42) Vinyl Acetate	3.78	43	219268	21.542	ug/l	100
43) Ethyl Acetate	4.79	43	21577	4.114	ug/l	97
44) Isopropyl Acetate	6.41	43	37053	4.290	ug/l	100
45) 1,4-Dioxane	7.71	88	6887	80.854	ug/l #	88
46) Methyl methacrylate	7.74	41	16640	4.133	ug/l	92
47) n-amyl Acetate	10.88	43	29989	3.932	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	27552	4.687	ug/l	98
49) cis-1,3-Dichloropropene	8.41	75	28606	4.639	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	18813	5.193	ug/l	96
51) Ethyl methacrylate	9.16	69	23224	4.243	ug/l	91
52) 1,3-Dichloropropane	9.35	76	29213	4.775	ug/l	98
53) Dibromochloromethane	9.56	129	22034	5.242	ug/l	97
54) 1,2-Dibromoethane	9.65	107	19210	4.999	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	22983	7.971	ug/l	97
56) Bromoform	10.84	173	17008	5.611	ug/l	96
58) 4-Methyl-2-Pentanone	8.62	43	109908	21.125	ug/l	98
59) 2-Hexanone	9.47	43	83929	21.570	ug/l	98
61) Tetrachloroethene	9.32	164	21847	5.861	ug/l	93
62) Toluene	8.76	91	73423	4.747	ug/l	100
64) Chlorobenzene	10.12	112	49262	5.032	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.20	131	20310	5.463	ug/l	95
66) Ethyl Benzene	10.23	91	78818	4.592	ug/l	99
67) m/p-Xylenes	10.34	106	60138	9.215	ug/l	99
68) o-Xylene	10.68	106	27706	4.463	ug/l	97
69) Styrene	10.70	104	47786	4.443	ug/l	98
70) Isopropylbenzene	11.00	105	78754	4.628	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	25161	4.798	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	32533	6.453	ug/l	90
73) Bromobenzene	11.24	156	22760	5.226	ug/l	98
74) n-propylbenzene	11.34	91	92179	4.592	ug/l	98
75) 2-Chlorotoluene	11.40	91	56795	4.793	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	65511	4.570	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	8396	4.139	ug/l	97
78) 4-Chlorotoluene	11.49	91	67533	4.823	ug/l	99
79) tert-butylbenzene	11.76	119	62878	4.587	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	66025	4.591	ug/l	99
81) sec-Butylbenzene	11.93	105	75199	4.557	ug/l	99
82) p-Isopropyltoluene	12.05	119	69959	4.661	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	42646	5.451	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	44235	5.629	ug/l	95
85) n-Butylbenzene	12.37	91	60157	4.393	ug/l	97
86) Hexachloroethane	12.58	117	14074	4.820	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	40296	5.489	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	5664	4.717	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	26529	5.345	ug/l	99
90) Hexachlorobutadiene	13.77	225	12459	6.473	ug/l	97
91) Naphthalene	13.82	128	70526	4.411	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	26397	5.419	ug/l	99

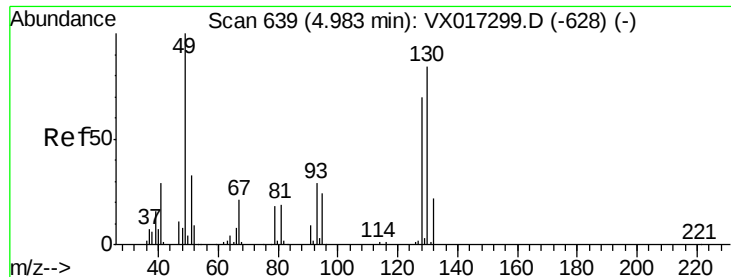
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070920\
Data File : VX017298.D
Acq On : 09 Jul 2020 10:29
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Jul 09 11:41:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X070920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 09 11:39:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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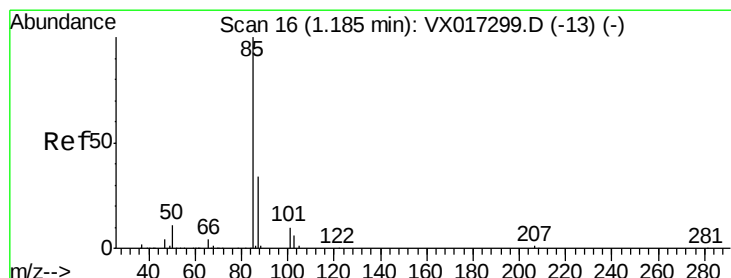
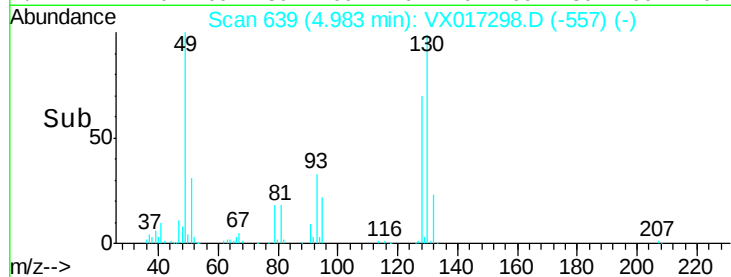
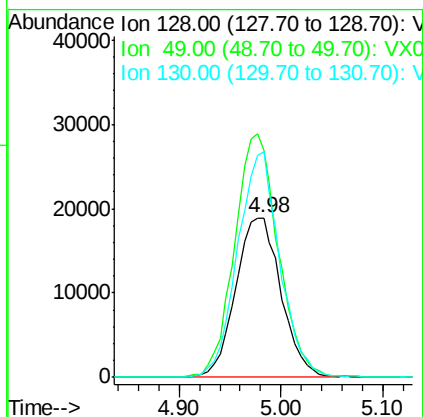
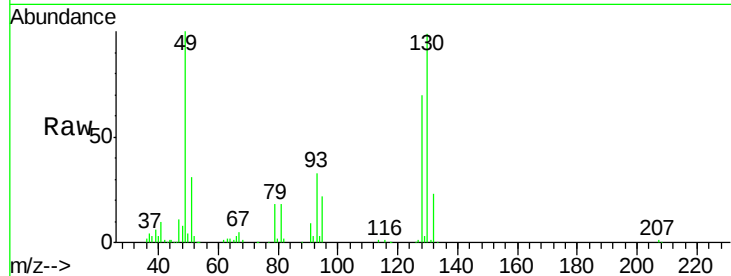
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

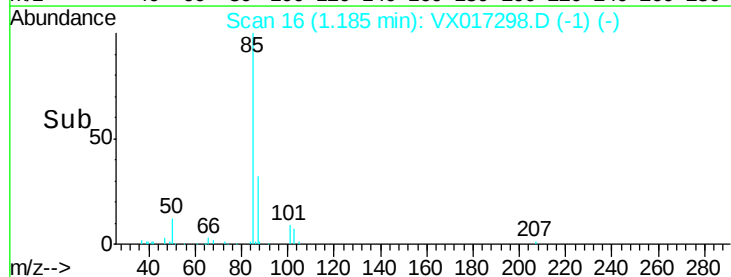
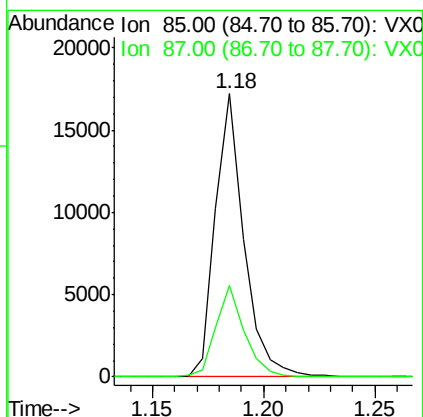
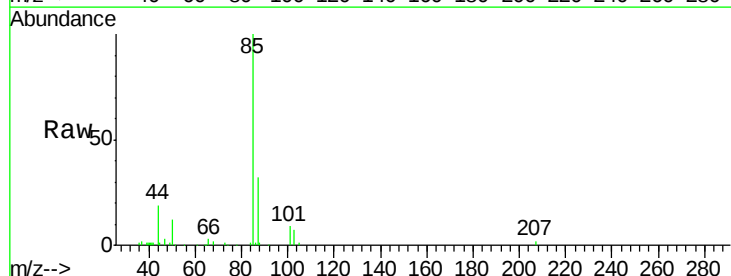
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

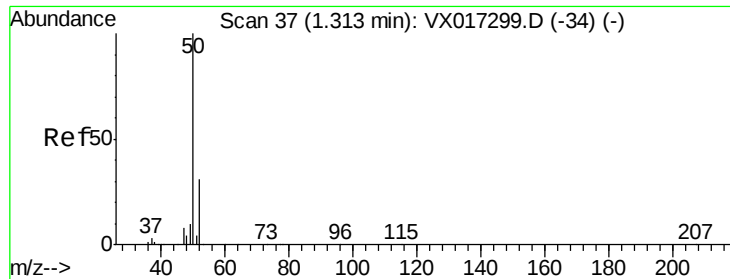
Tgt Ion:128 Resp: 58348
 Ion Ratio Lower Upper
 128 100
 49 146.9 0.0 358.8
 130 131.8 0.0 323.8



#2
 Dichlorodifluoromethane
 Concen: 5.398 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 85 Resp: 15305
 Ion Ratio Lower Upper
 85 100
 87 32.3 16.9 50.6





#3

Chloromethane

Concen: 3.925 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

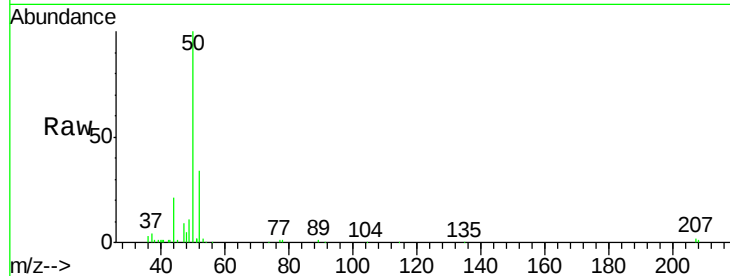
VSTDIC005

Tgt Ion: 50 Resp: 14124

Ion Ratio Lower Upper

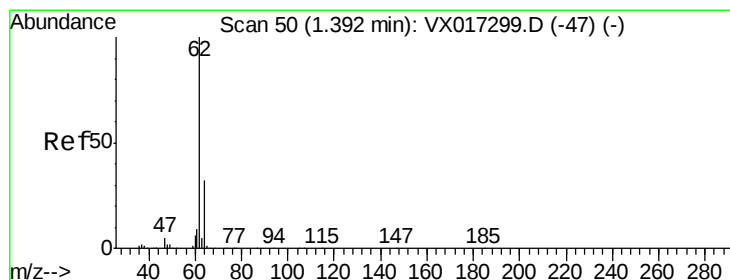
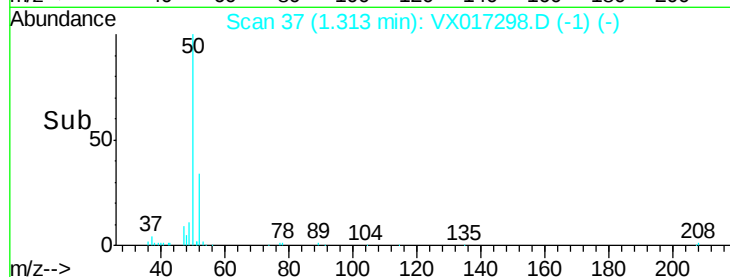
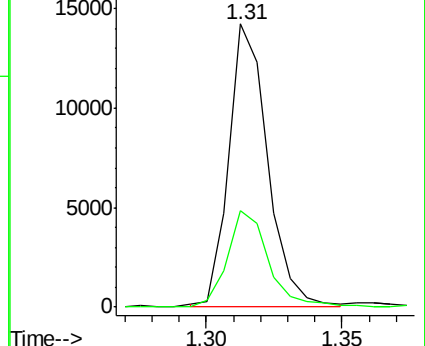
50 100

52 34.2 24.8 37.2



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 4.209 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017298.D

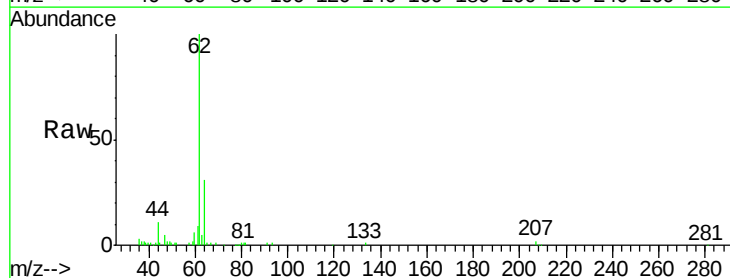
Acq: 09 Jul 2020 10:29

Tgt Ion: 62 Resp: 15472

Ion Ratio Lower Upper

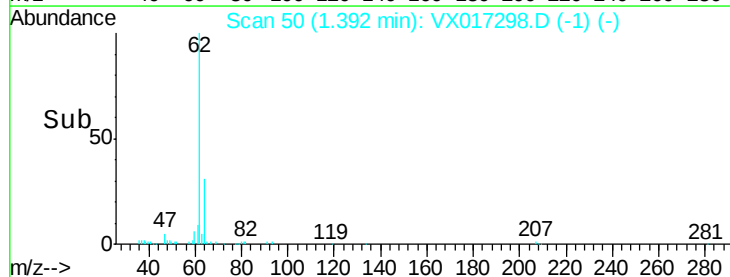
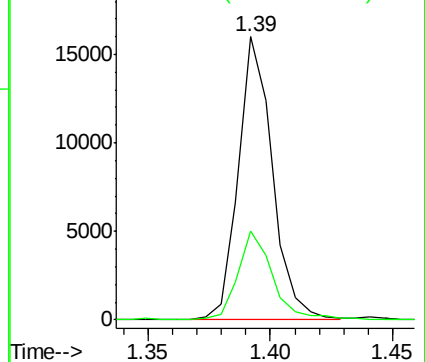
62 100

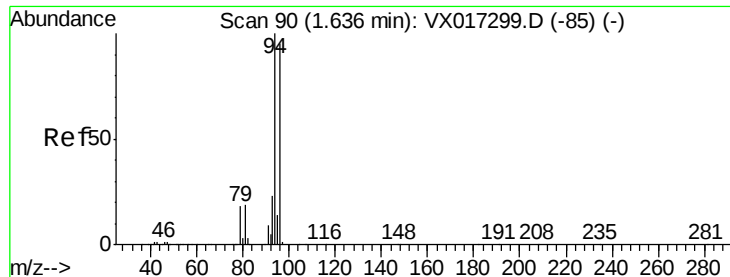
64 31.2 25.3 37.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 4.418 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

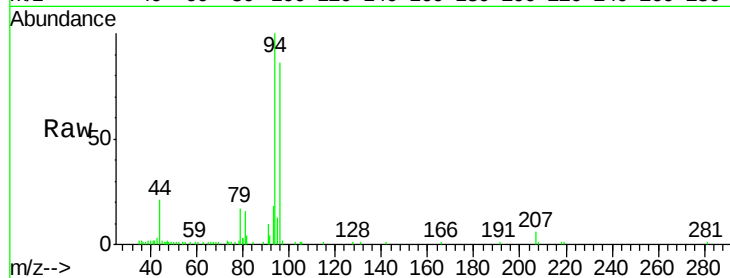
VSTDIC005

Tgt Ion: 94 Resp: 11576

Ion Ratio Lower Upper

94 100

96 85.9 75.7 113.5



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

10000

8000

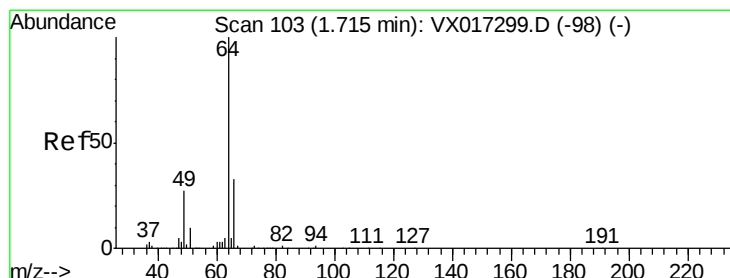
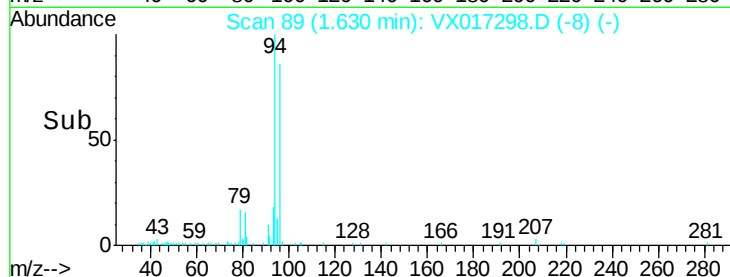
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 4.267 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX017298.D

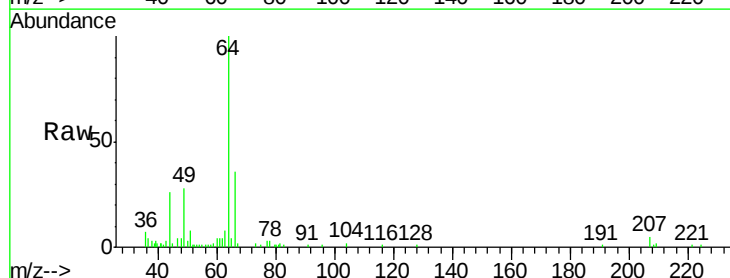
Acq: 09 Jul 2020 10:29

Tgt Ion: 64 Resp: 10205

Ion Ratio Lower Upper

64 100

66 35.7 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

8000

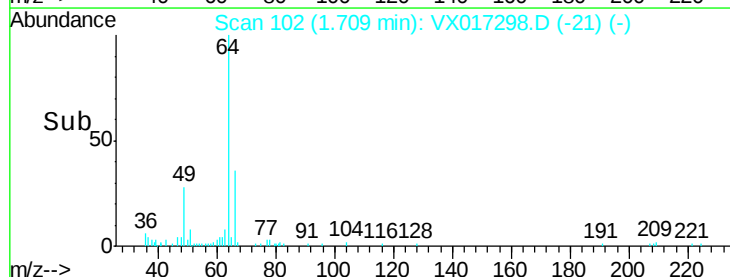
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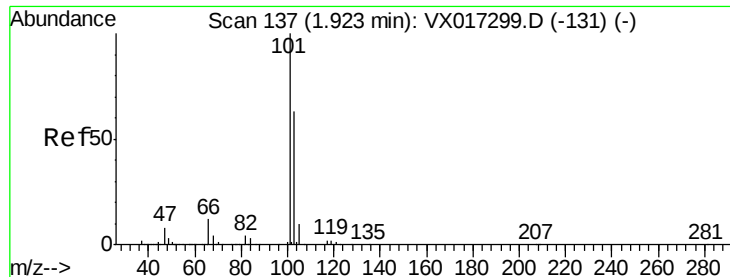
4000

2000

0

Time-->



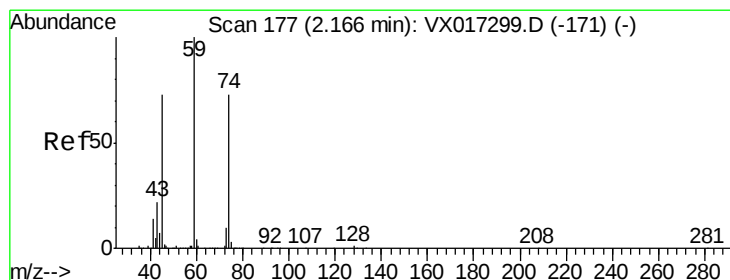
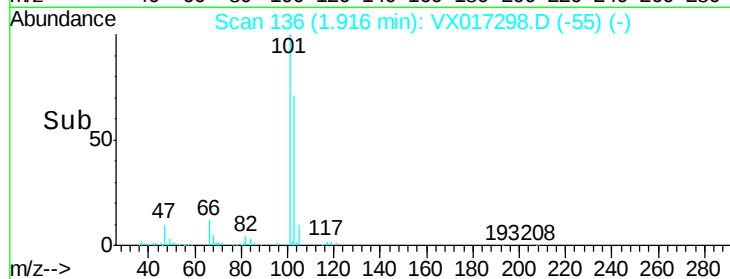
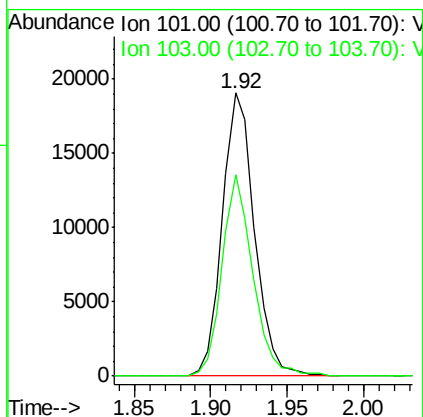
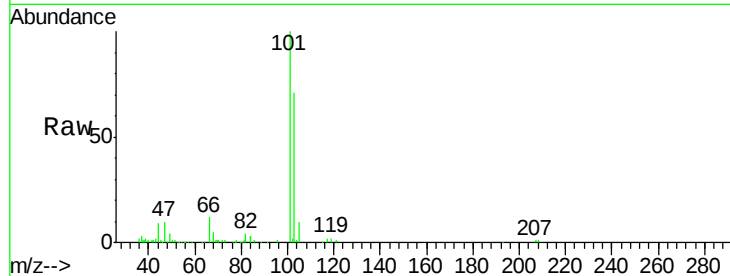


#7

Trichlorofluoromethane
 Concen: 4.534 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

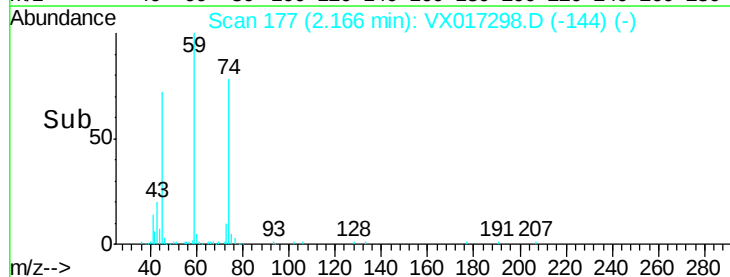
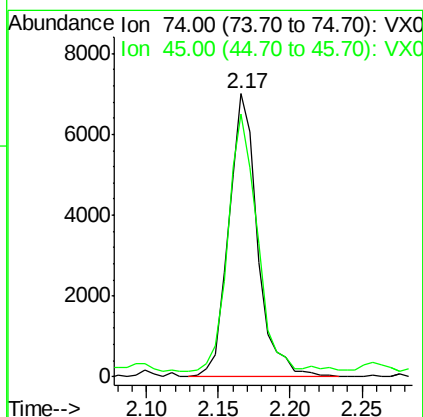
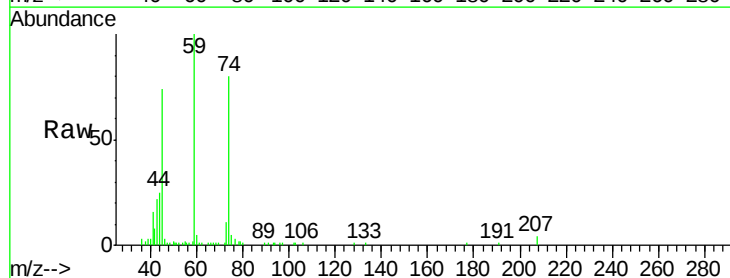
Tgt Ion: 101 Resp: 27824
 Ion Ratio Lower Upper
 101 100
 103 71.2 50.1 75.1

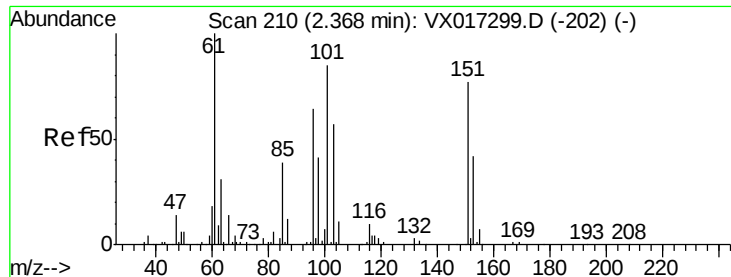


#8

Diethyl Ether
 Concen: 4.466 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 74 Resp: 9862
 Ion Ratio Lower Upper
 74 100
 45 91.4 18.9 170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.808 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

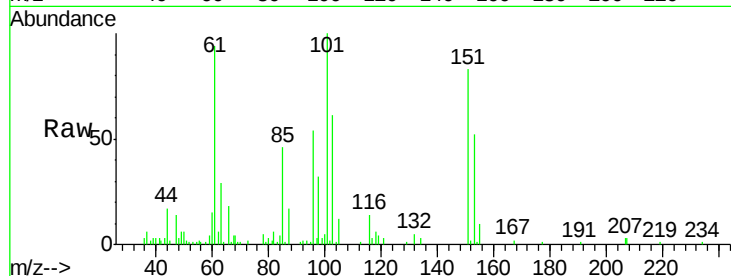
Tgt Ion:101 Resp: 15690

Ion Ratio Lower Upper

101 100

85 43.9 0.0 87.8

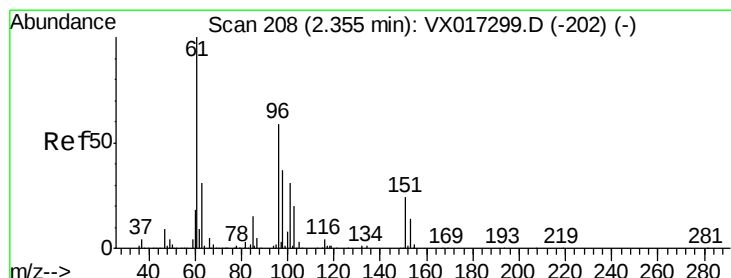
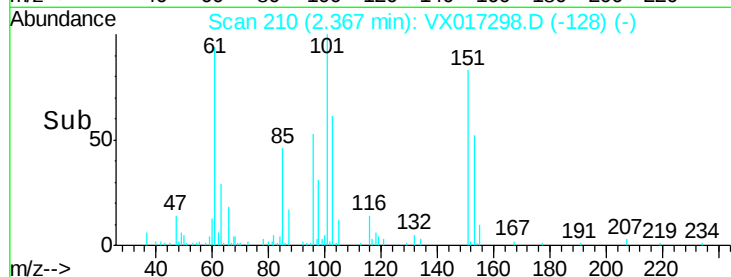
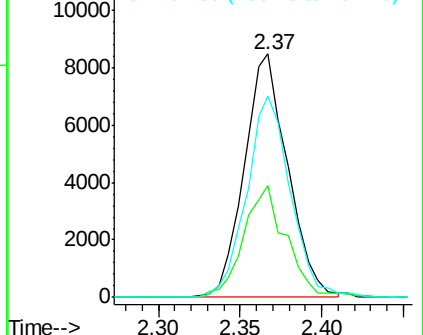
151 82.9 0.0 170.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 4.669 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

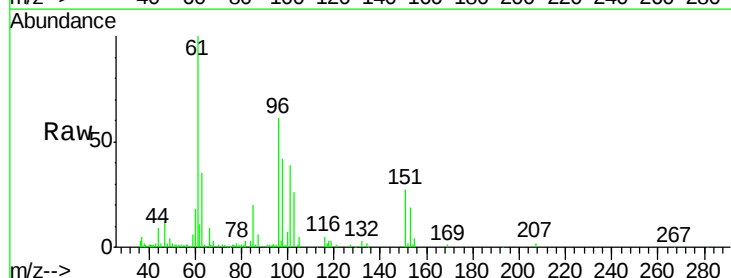
Tgt Ion: 96 Resp: 14889

Ion Ratio Lower Upper

96 100

61 162.8 137.0 205.4

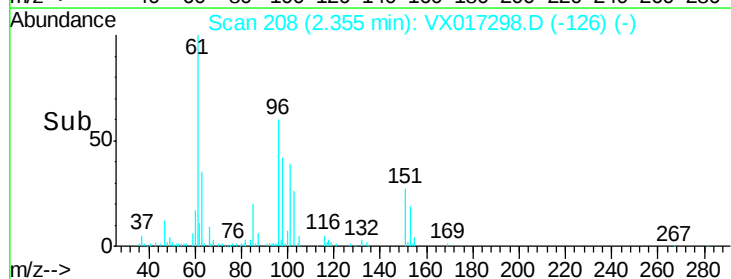
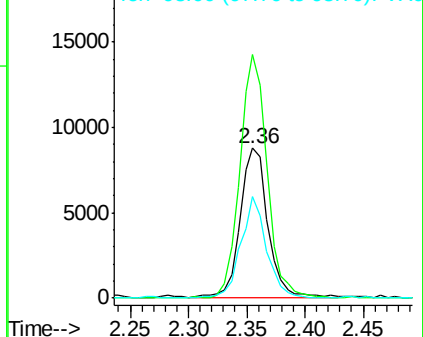
98 68.3 51.1 76.7

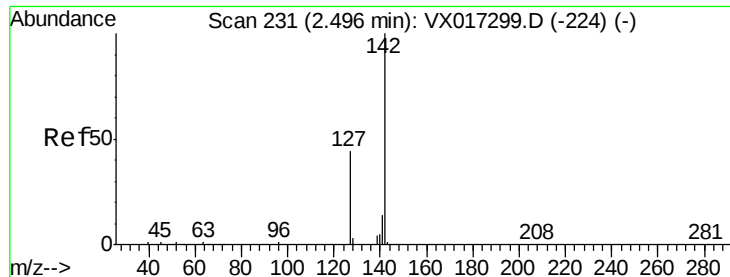


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

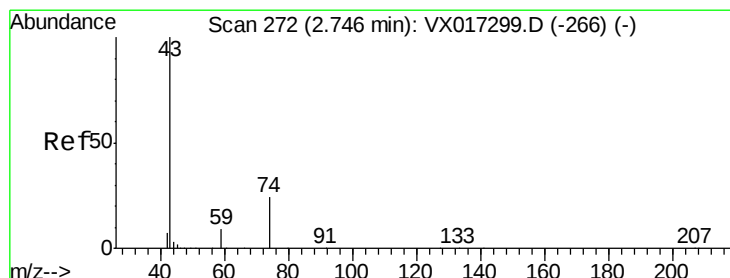
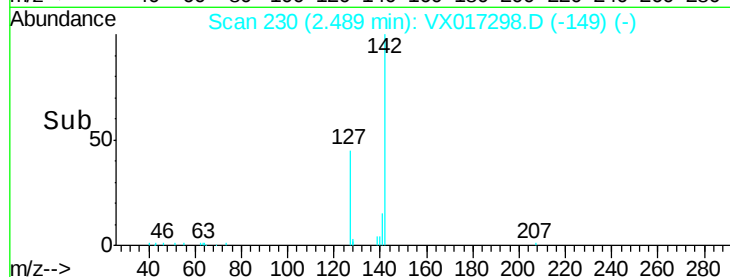
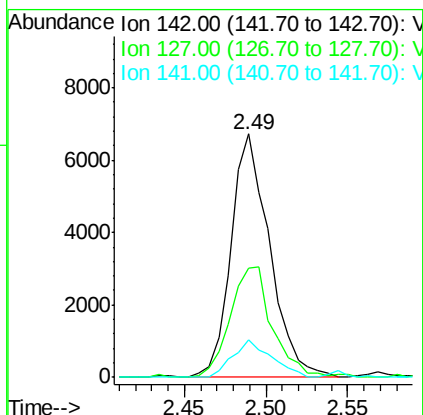
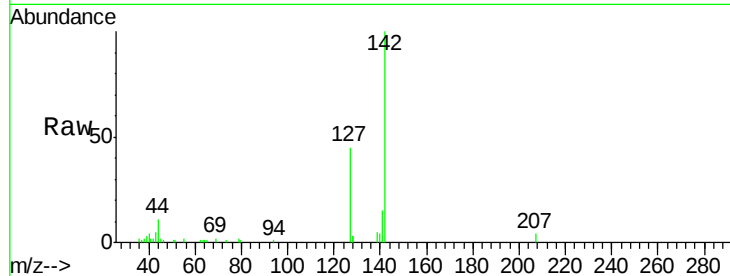




#11
Methyl Iodide
Concen: 2.628 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

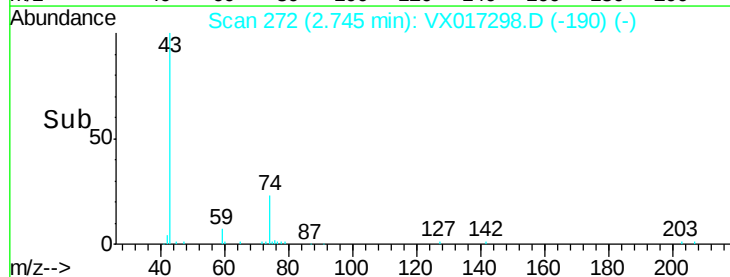
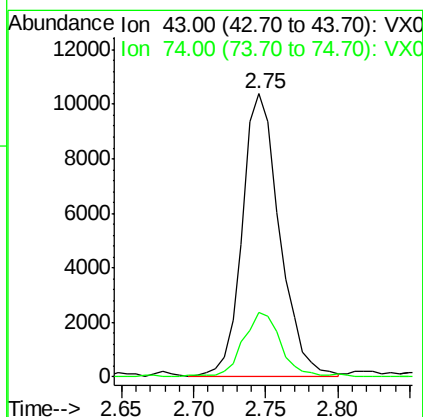
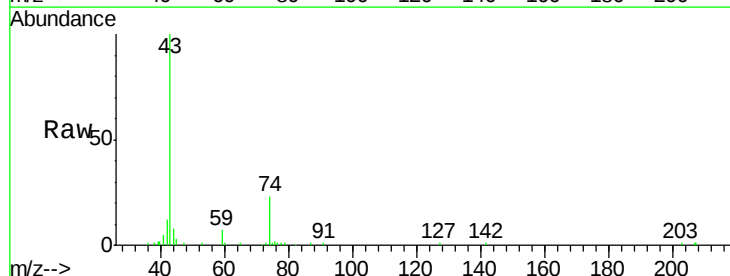
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

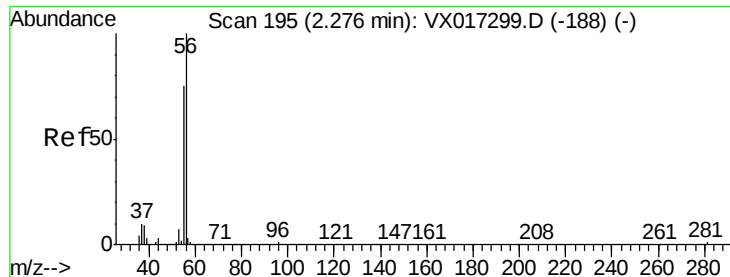
Tgt Ion: 142 Resp: 11088
Ion Ratio Lower Upper
142 100
127 44.5 21.9 65.7
141 14.0 7.0 21.1



#12
Methyl Acetate
Concen: 4.545 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion: 43 Resp: 18684
Ion Ratio Lower Upper
43 100
74 21.9 18.8 28.2





#13

Acrolein

Concen: 16.150 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

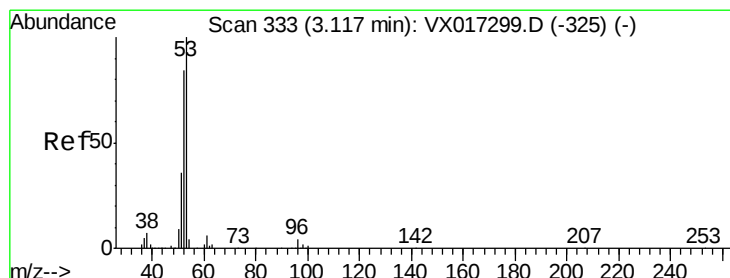
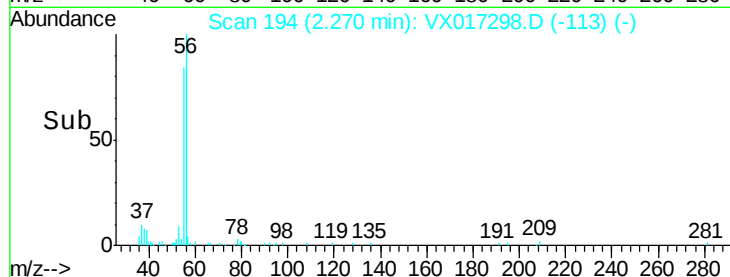
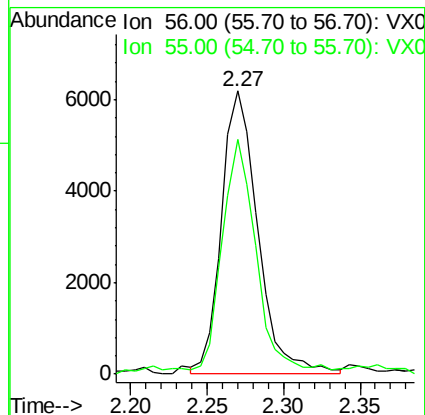
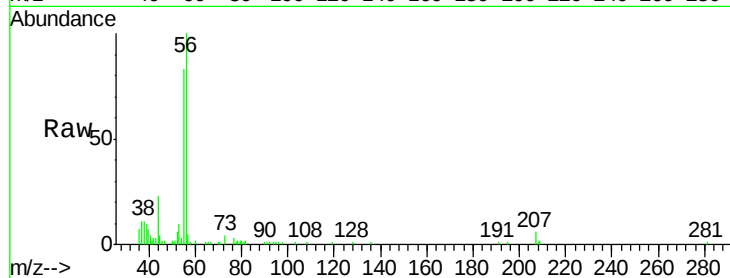
VSTDIC005

Tgt Ion: 56 Resp: 10270

Ion Ratio Lower Upper

56 100

55 72.5 58.5 87.7



#14

Acrylonitrile

Concen: 22.307 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

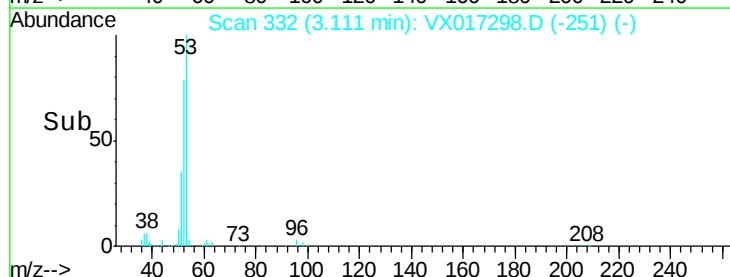
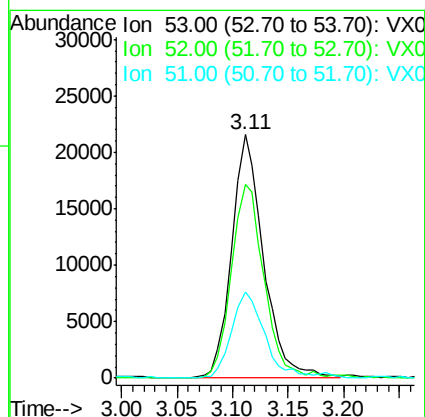
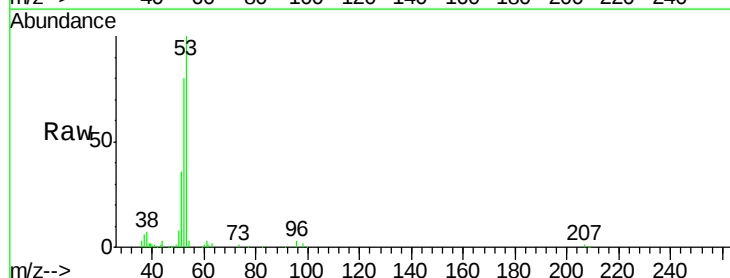
Tgt Ion: 53 Resp: 42842

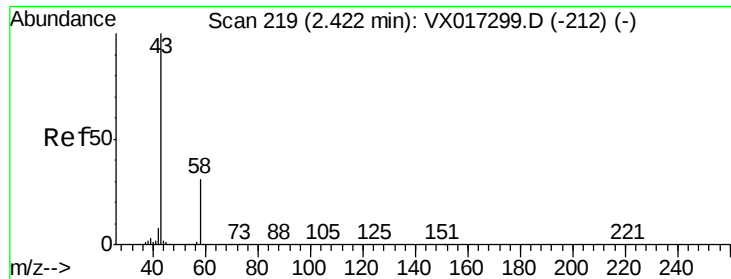
Ion Ratio Lower Upper

53 100

52 81.1 41.3 123.9

51 36.6 18.1 54.1





#15

Acetone

Concen: 22.048 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

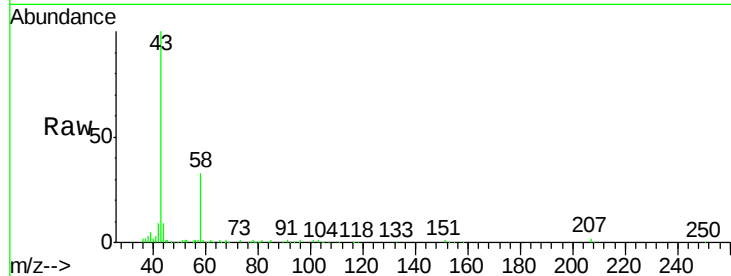
VSTDIC005

Tgt Ion: 58 Resp: 10869

Ion Ratio Lower Upper

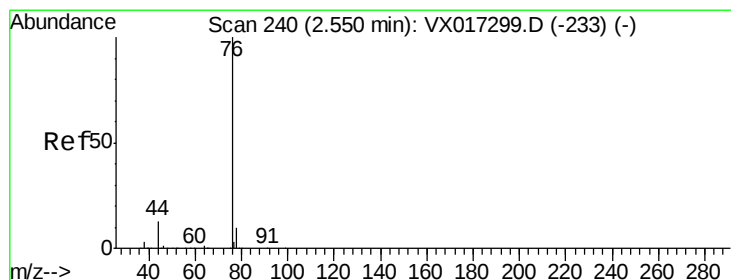
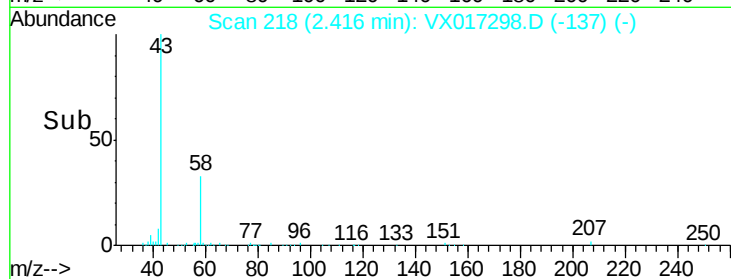
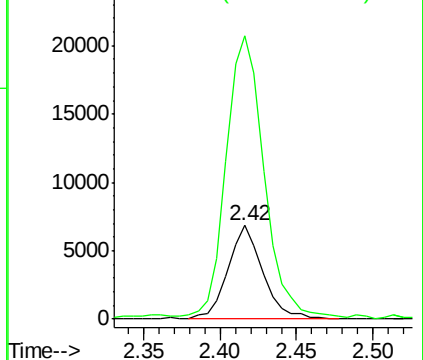
58 100

43 299.9 255.0 382.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 3.596 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017298.D

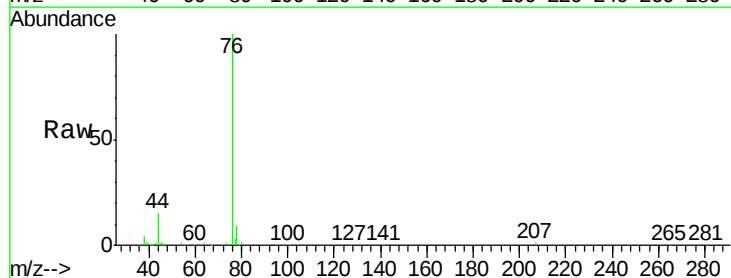
Acq: 09 Jul 2020 10:29

Tgt Ion: 76 Resp: 35658

Ion Ratio Lower Upper

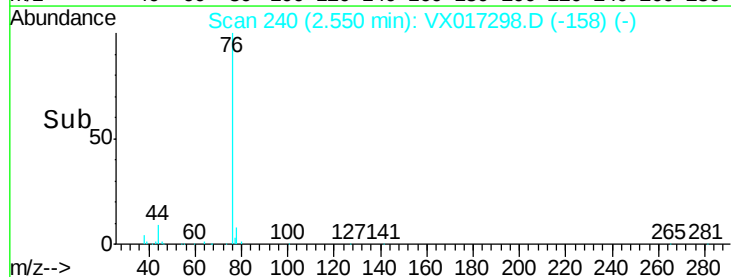
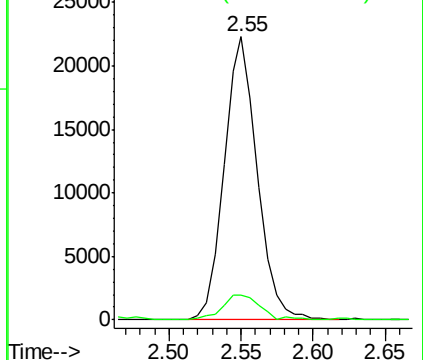
76 100

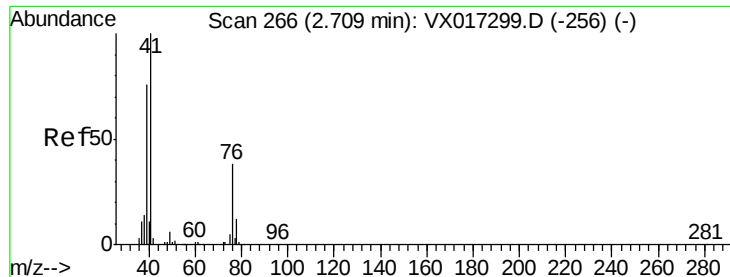
78 8.6 7.9 11.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

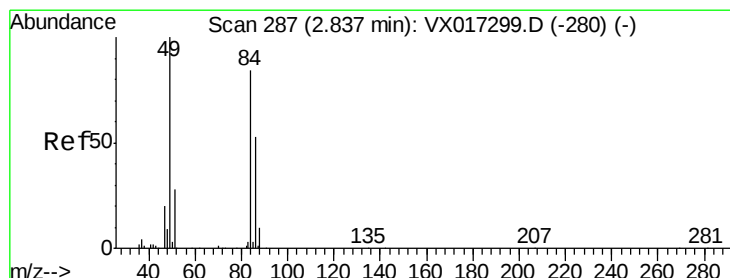
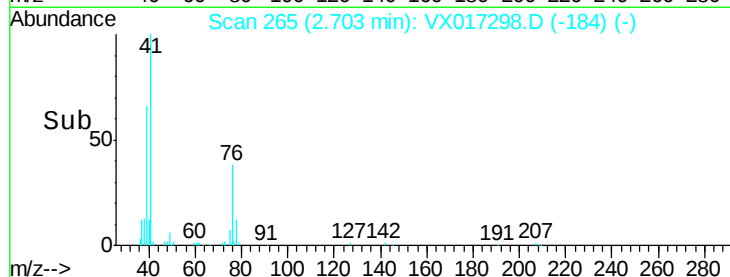
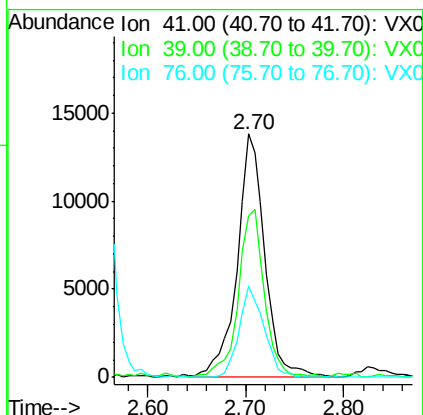
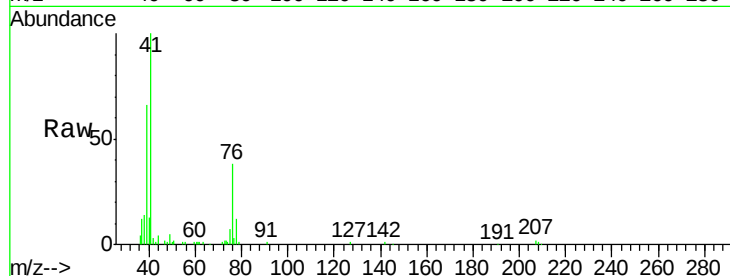




#17
 Allyl chloride
 Concen: 4.589 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

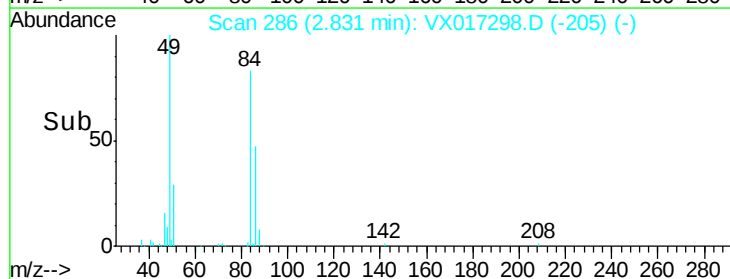
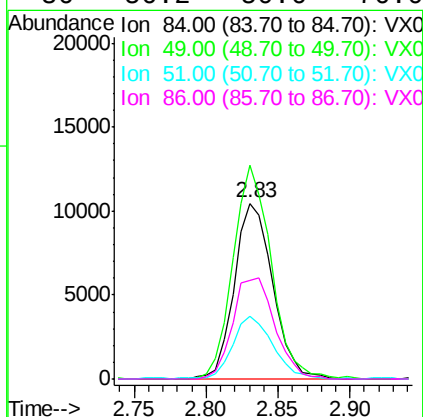
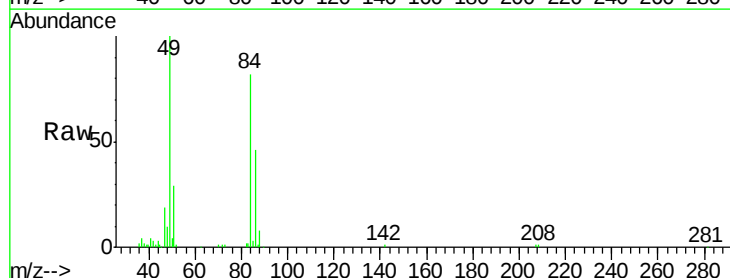
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

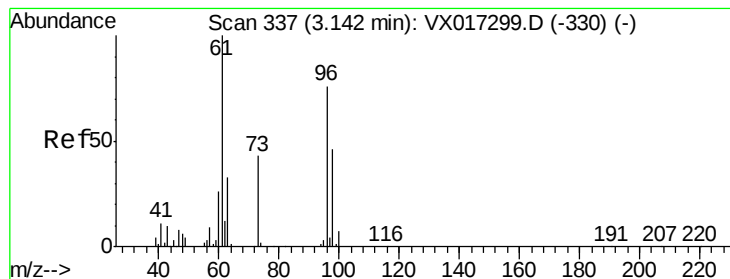
Tgt Ion: 41 Resp: 27177
 Ion Ratio Lower Upper
 41 100
 39 66.7 38.1 114.5
 76 37.9 18.8 56.4



#18
 Methylene Chloride
 Concen: 5.030 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 84 Resp: 19447
 Ion Ratio Lower Upper
 84 100
 49 121.4 95.7 143.5
 51 35.6 27.2 40.8
 86 56.2 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 4.577 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

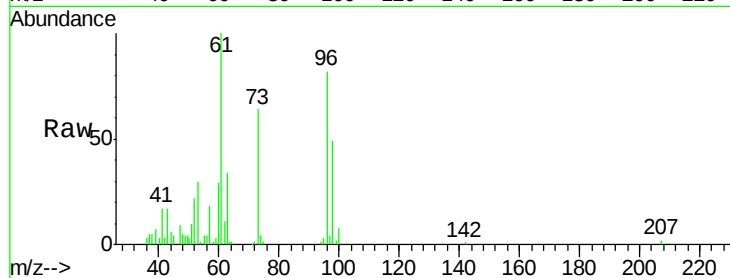
Tgt Ion: 96 Resp: 16801

Ion Ratio Lower Upper

96 100

61 121.3 105.0 157.6

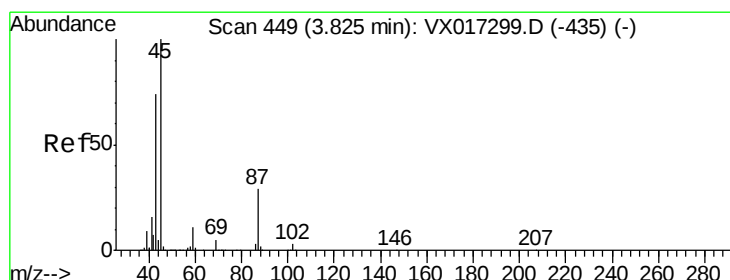
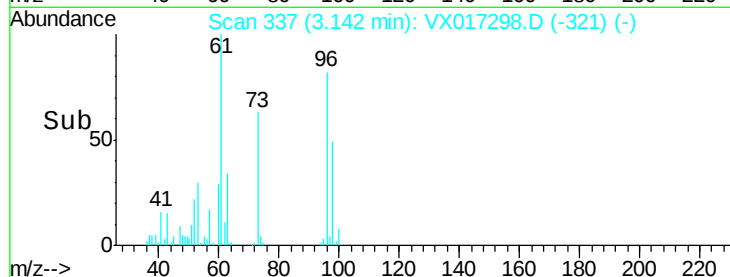
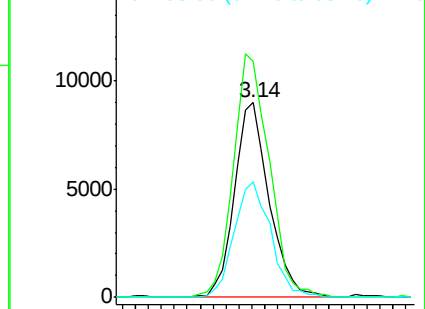
98 59.2 48.6 73.0



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 4.433 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Tgt Ion: 45 Resp: 53168

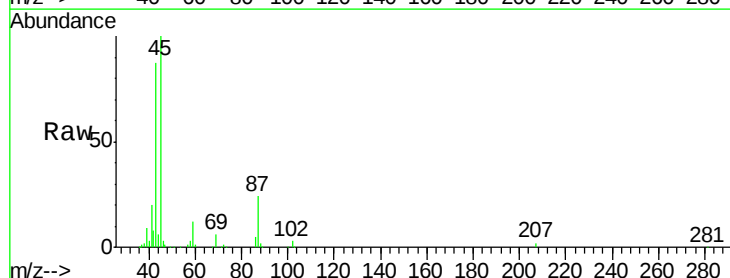
Ion Ratio Lower Upper

45 100

43 86.1 59.5 89.3

87 23.6 23.2 34.8

59 12.3 8.5 12.7

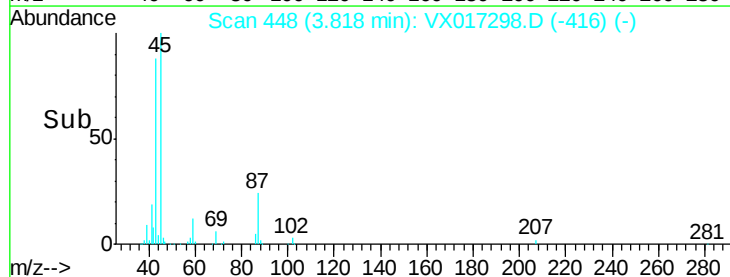
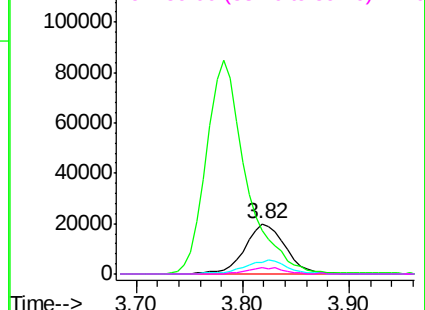


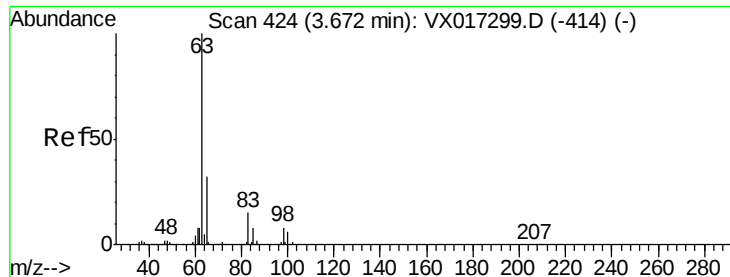
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

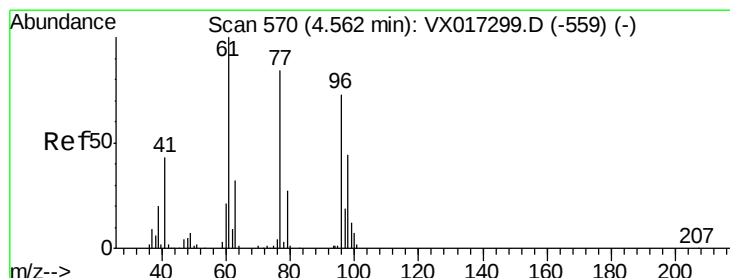
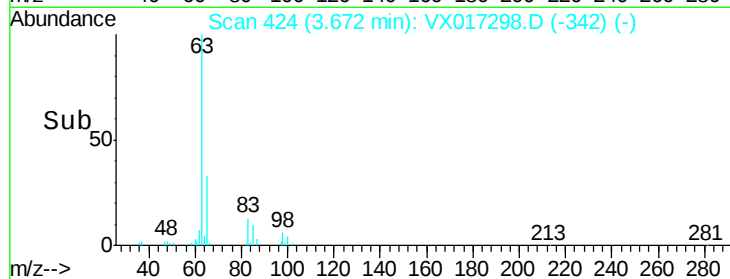
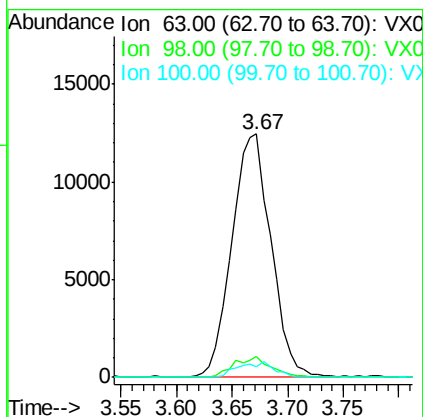
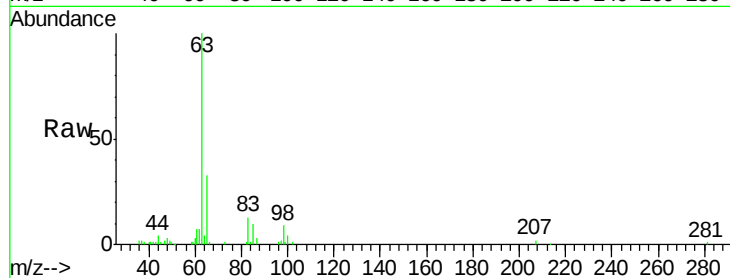




#21
 1,1-Dichloroethane
 Concen: 4.615 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

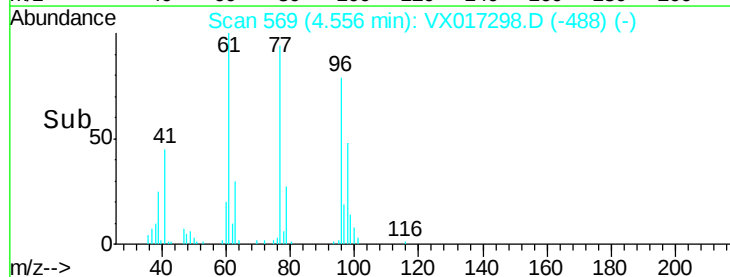
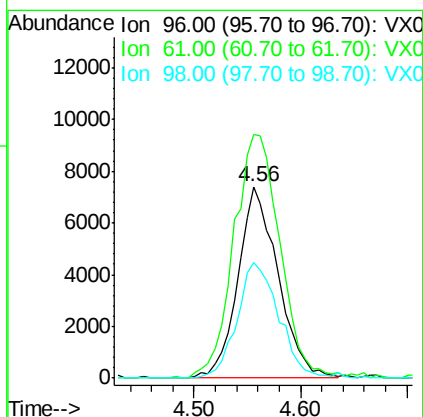
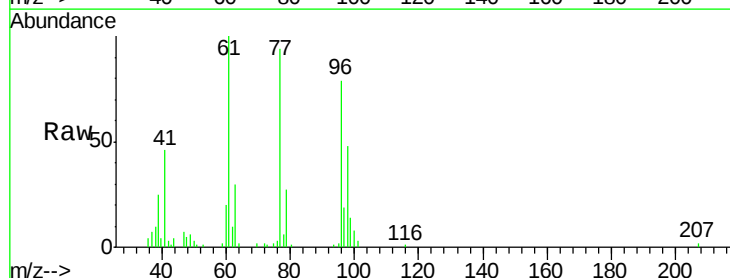
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

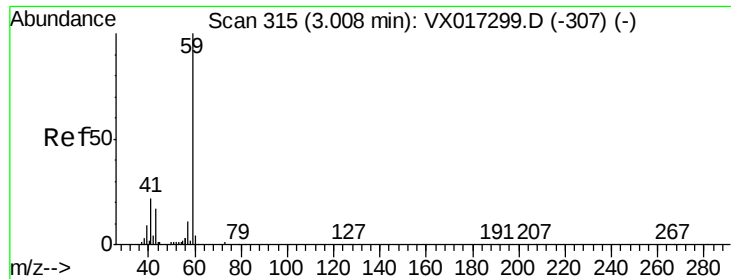
Tgt Ion: 63 Resp: 30484
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.2 12.4
 100 4.3 2.8 8.3



#22
 cis-1,2-Dichloroethene
 Concen: 4.822 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 96 Resp: 19607
 Ion Ratio Lower Upper
 96 100
 61 145.7 111.7 167.5
 98 62.8 50.9 76.3

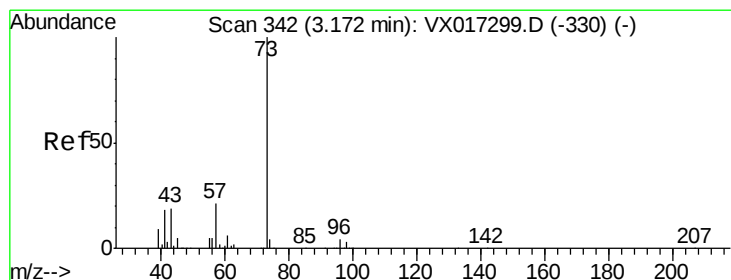
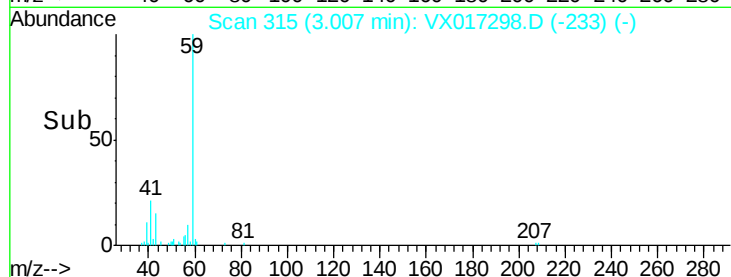
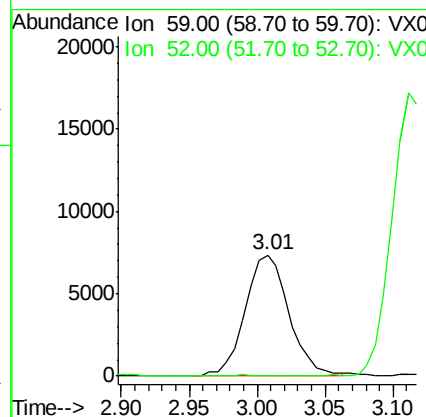
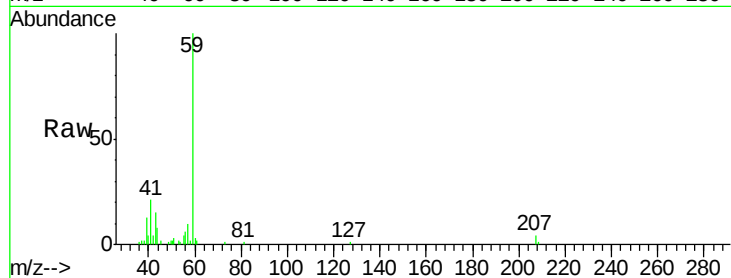




#23
 tert-Butyl Alcohol
 Concen: 19.850 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

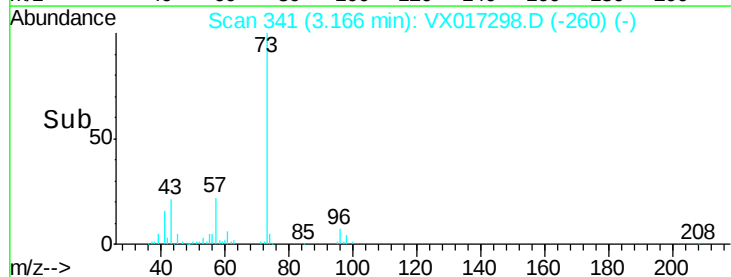
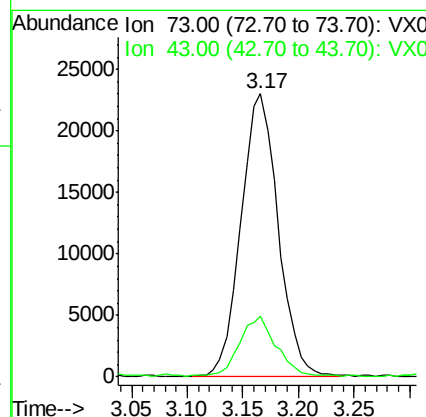
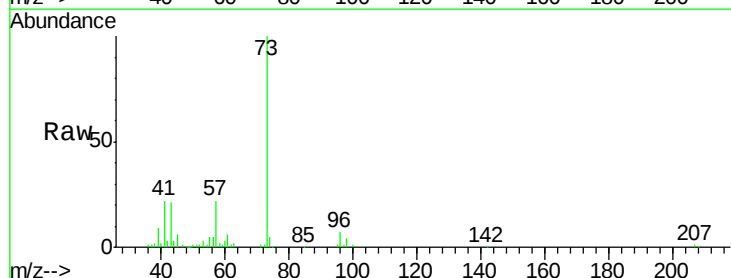
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

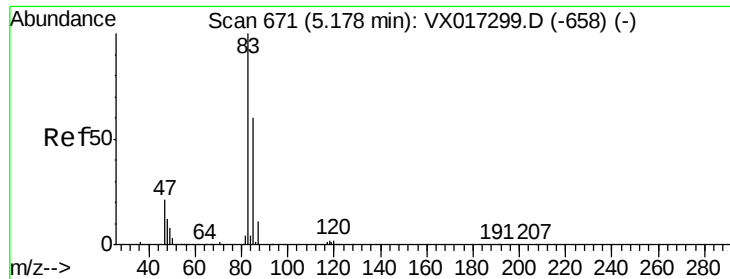
Tgt Ion: 59 Resp: 16656
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.4 0.6#



#24
 Methyl tert-Butyl Ether
 Concen: 4.648 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 73 Resp: 53514
 Ion Ratio Lower Upper
 73 100
 43 21.3 16.3 24.5

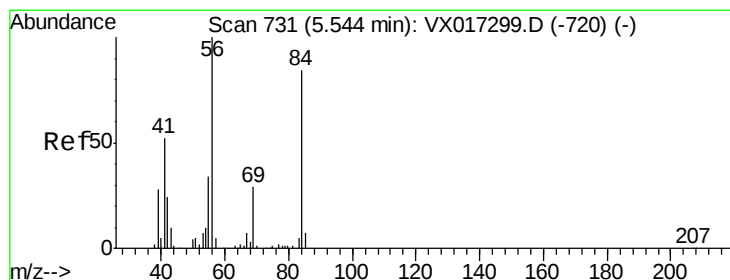
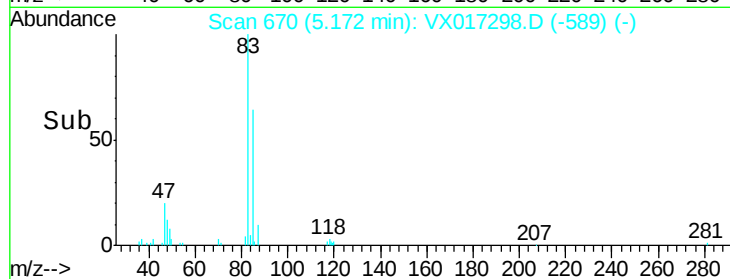
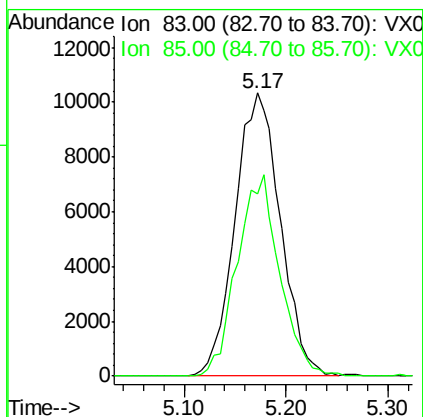
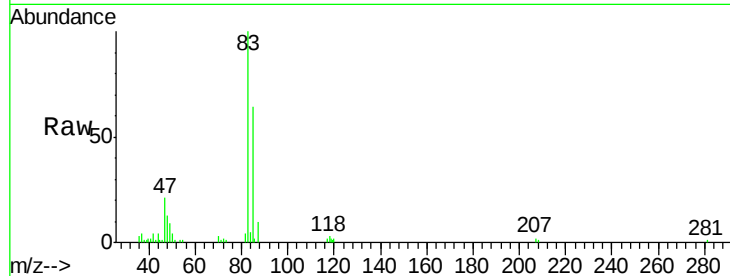




#25
Chloroform
Concen: 4.714 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

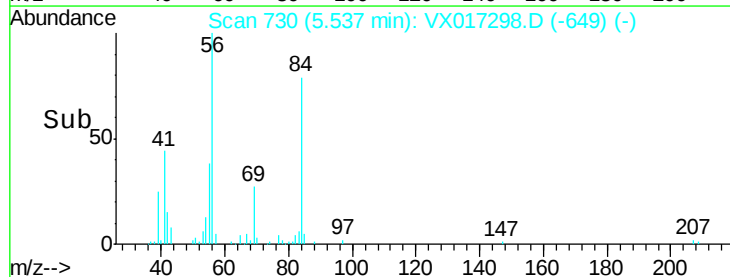
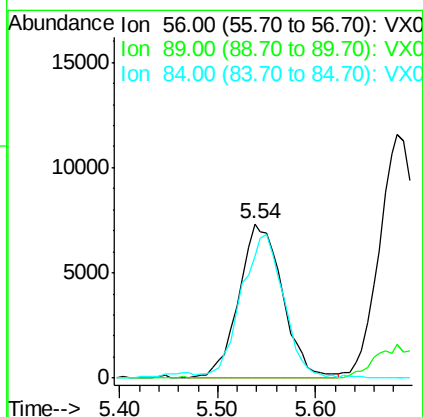
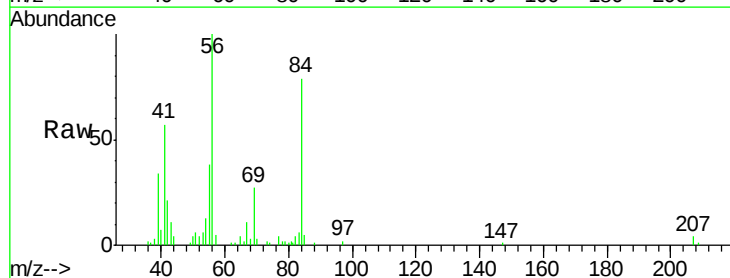
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

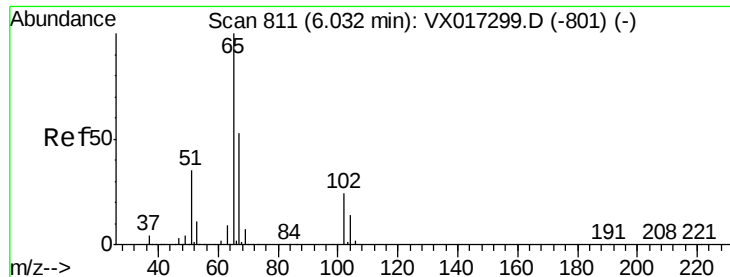
Tgt Ion: 83 Resp: 31862
Ion Ratio Lower Upper
83 100
85 64.3 47.8 71.8



#26
Cyclohexane
Concen: 3.988 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion: 56 Resp: 22700
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 89.9 71.5 107.3

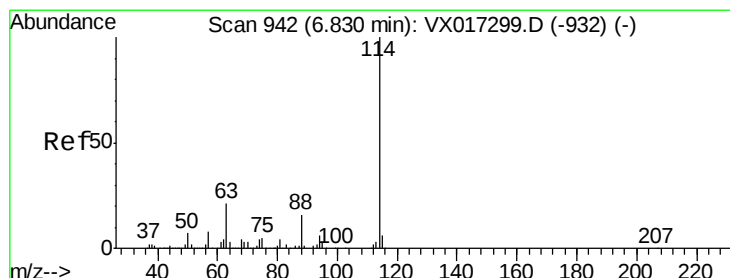
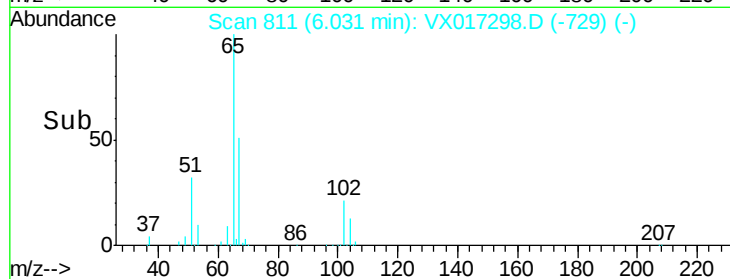
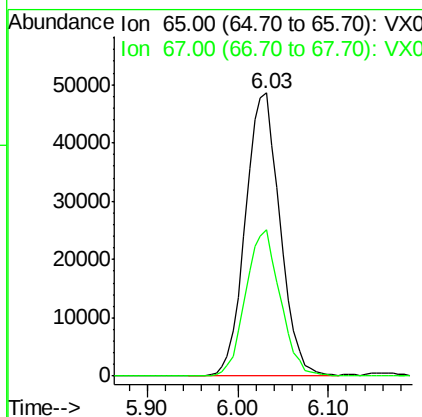
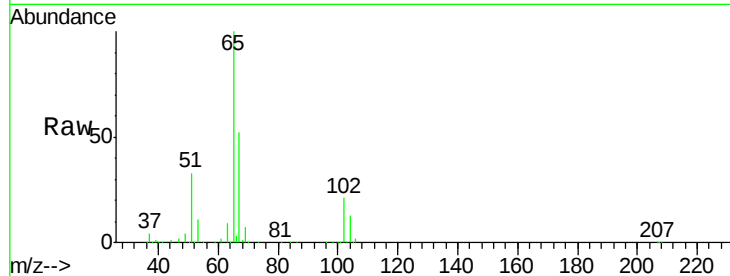




#27
 1,2-Dichloroethane-d4
 Concen: 28.656 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

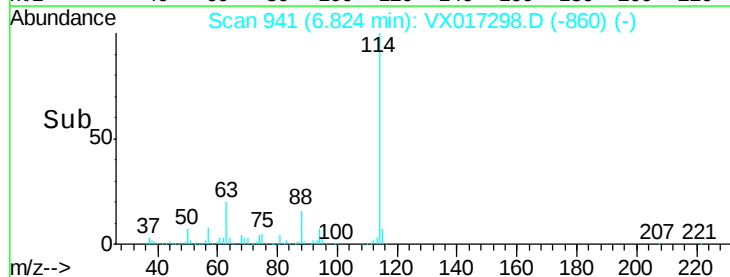
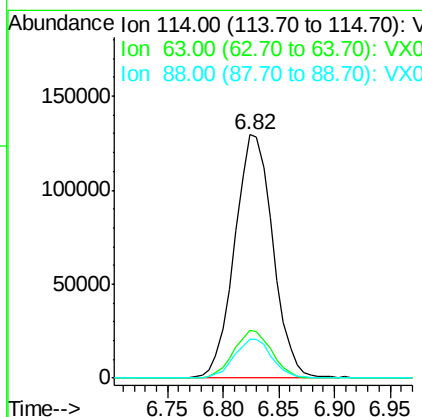
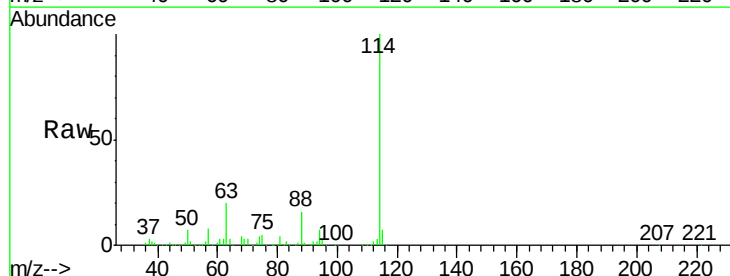
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

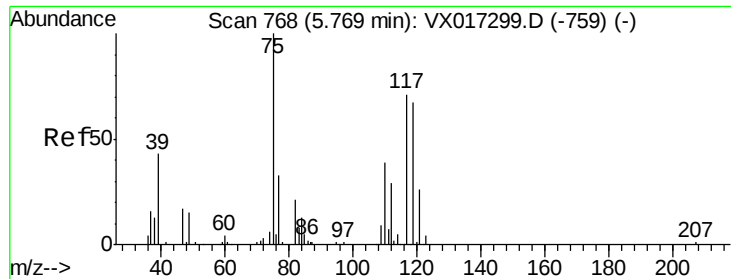
Tgt Ion: 65 Resp: 128054
 Ion Ratio Lower Upper
 65 100
 67 51.7 41.0 61.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 114 Resp: 309025
 Ion Ratio Lower Upper
 114 100
 63 19.6 15.9 23.9
 88 15.8 12.4 18.6

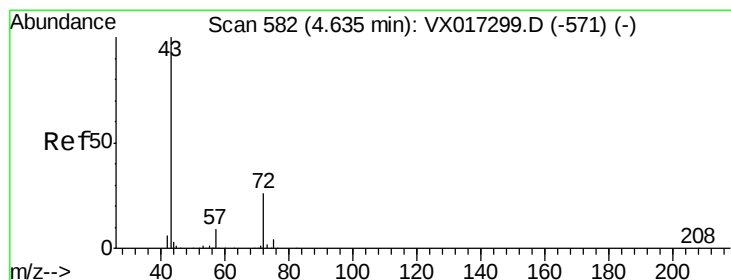
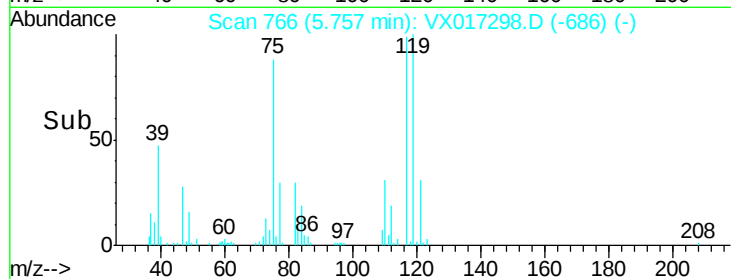
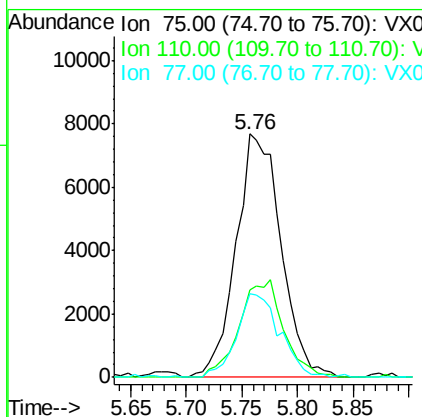
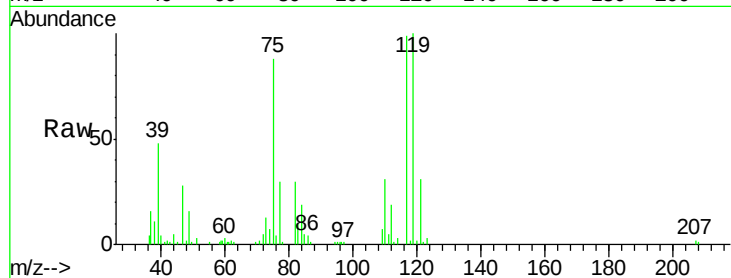




#29
 1,1-Dichloropropene
 Concen: 4.435 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

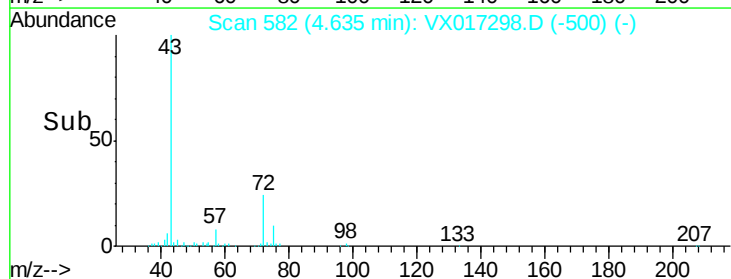
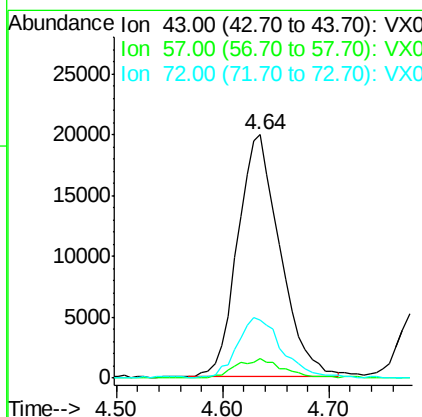
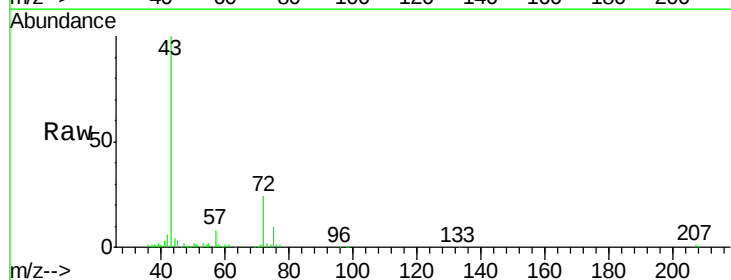
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

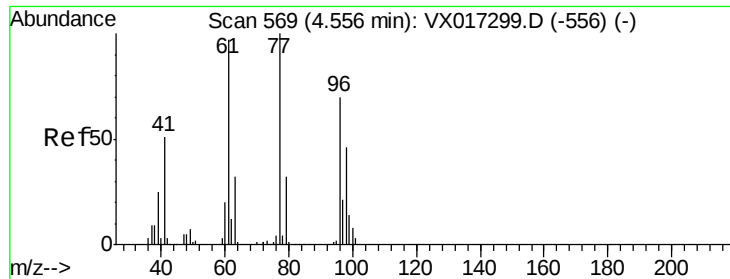
Tgt Ion	Ratio	Lower	Upper
75	100		
110	23.1	0.0	75.8
77	32.6	0.0	63.4



#30
 2-Butanone
 Concen: 21.887 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
43	100		
57	5.7	6.8	10.2#
72	26.1	21.0	31.6

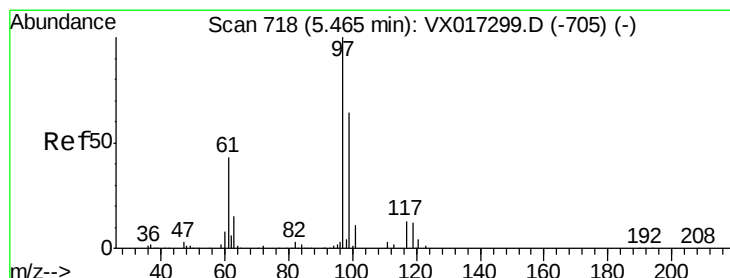
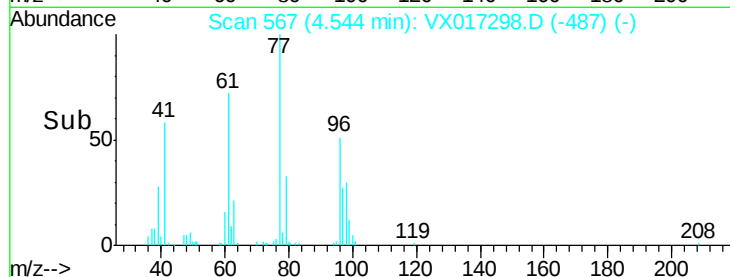
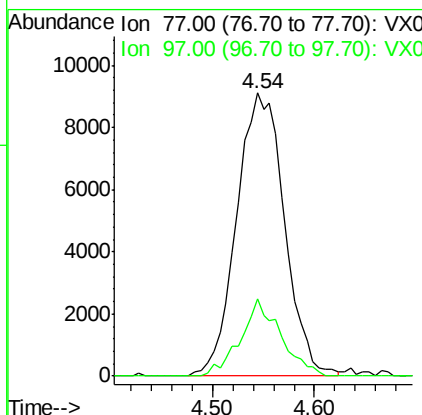
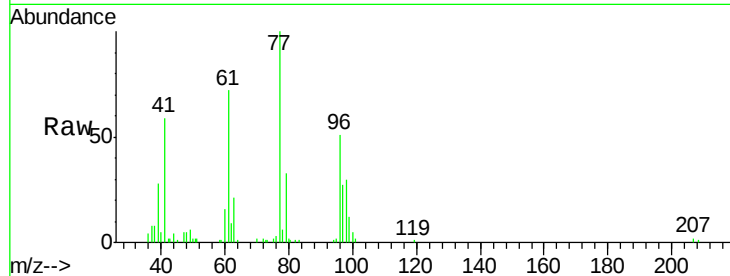




#31
 2,2-Dichloropropane
 Concen: 5.261 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

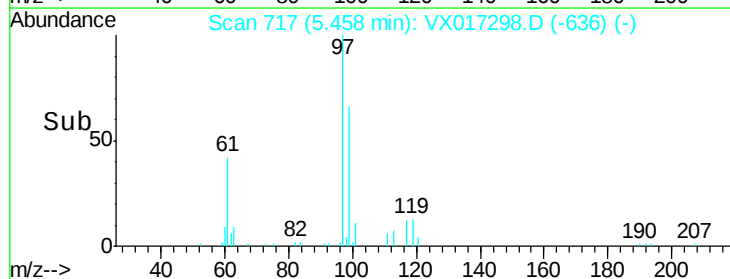
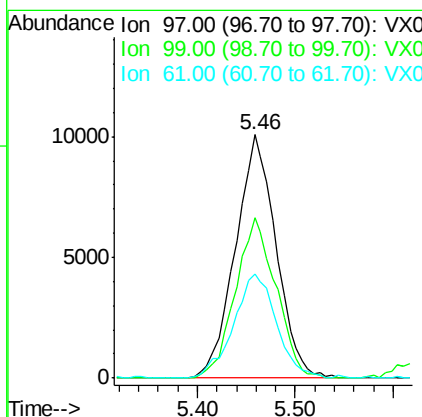
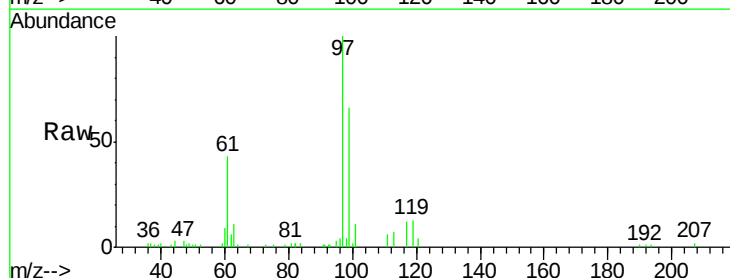
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

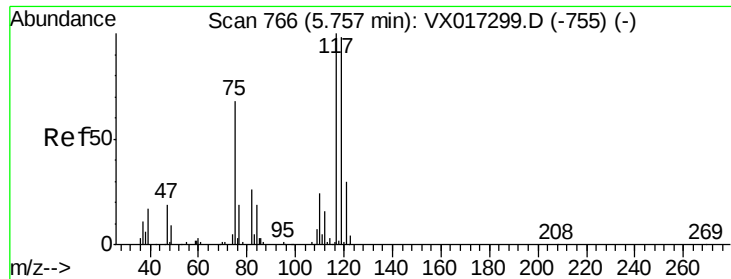
Tgt Ion: 77 Resp: 29710
 Ion Ratio Lower Upper
 77 100
 97 15.8 18.2 27.2#



#32
 1,1,1-Trichloroethane
 Concen: 4.873 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 97 Resp: 29077
 Ion Ratio Lower Upper
 97 100
 99 66.0 53.2 79.8
 61 45.1 34.0 51.0





#33

Carbon Tetrachloride

Concen: 5.184 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

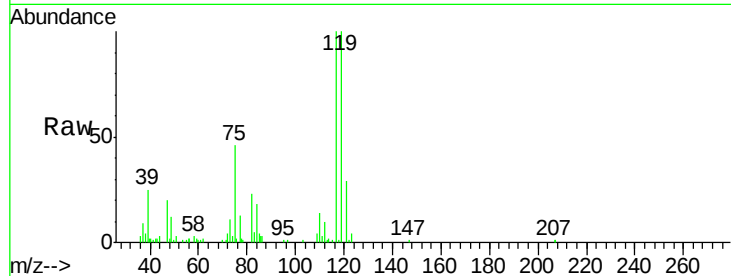
Tgt Ion:117 Resp: 27617

Ion Ratio Lower Upper

117 100

119 100.4 78.8 118.2

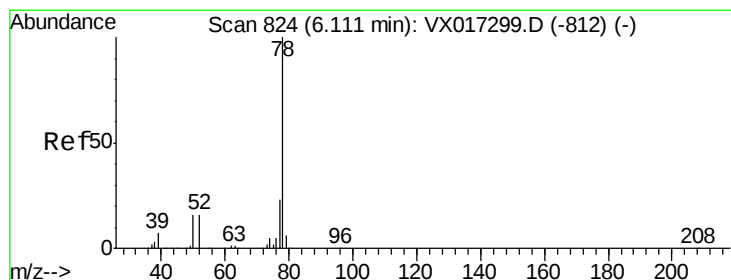
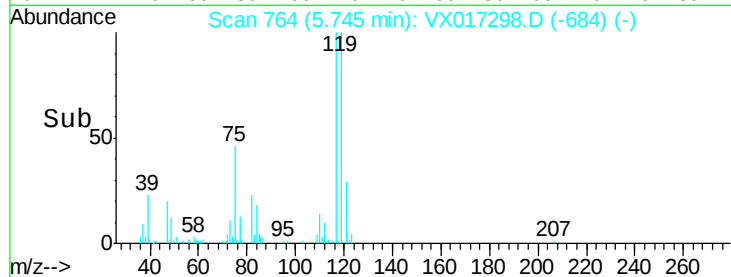
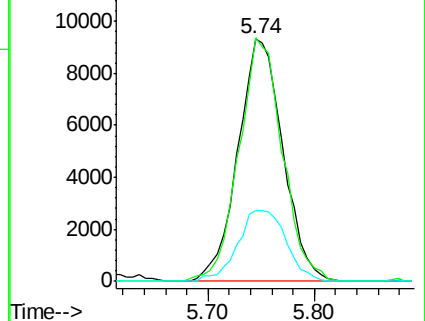
121 29.1 23.7 35.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 4.680 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

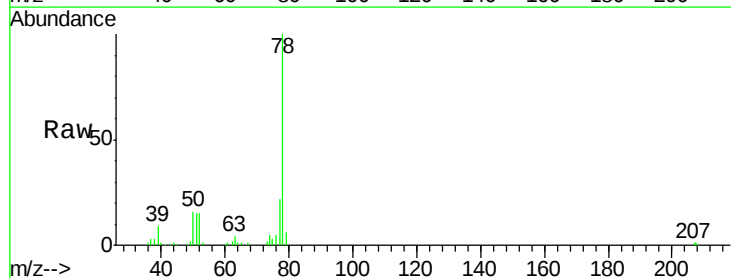
Tgt Ion: 78 Resp: 66357

Ion Ratio Lower Upper

78 100

77 22.1 18.1 27.1

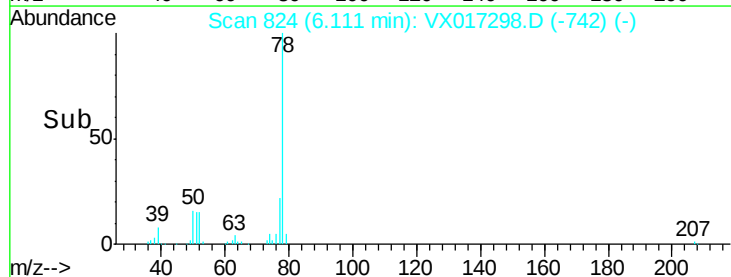
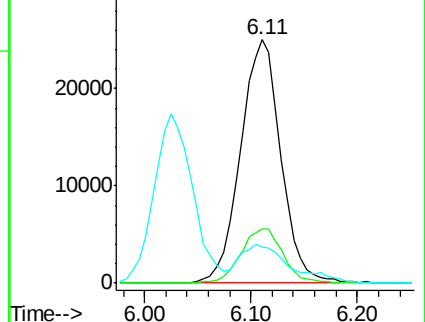
51 13.5 12.9 19.3

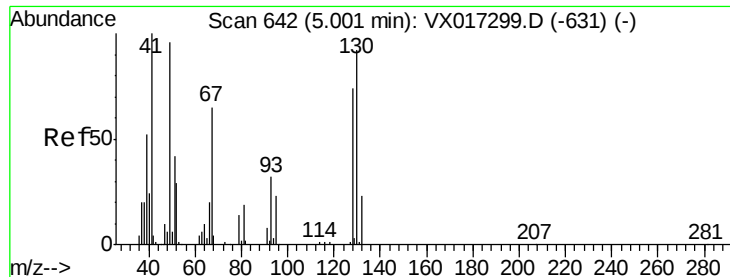


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

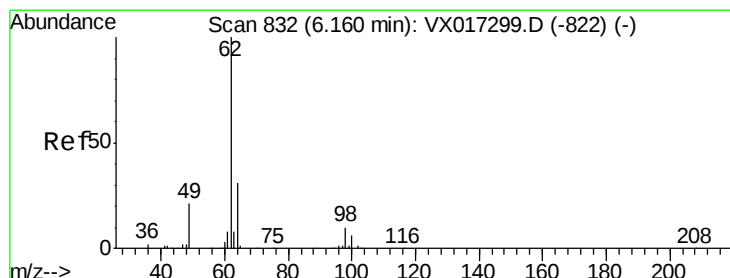
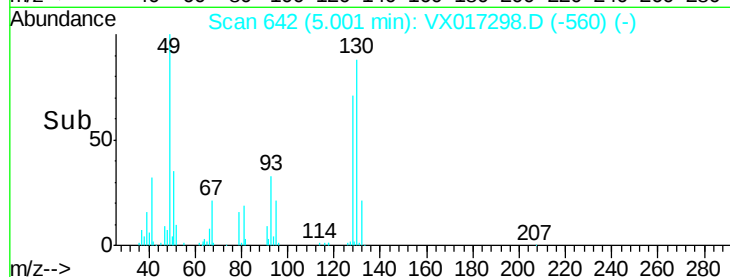
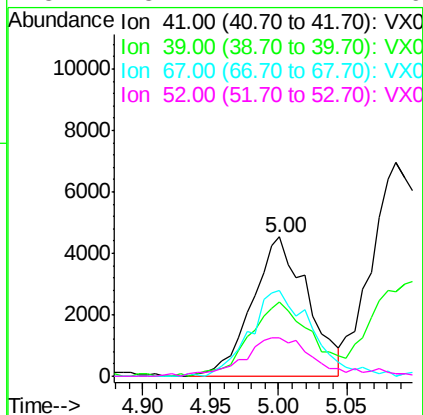
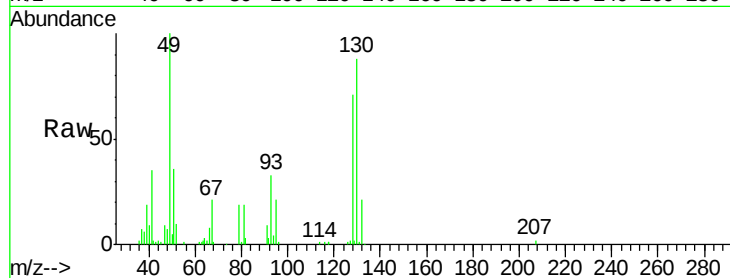




#35
Methacrylonitrile
Concen: 4.591 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

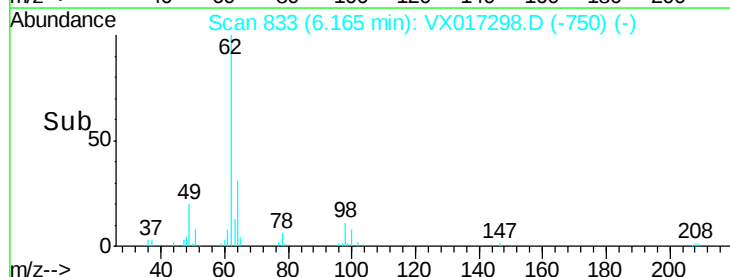
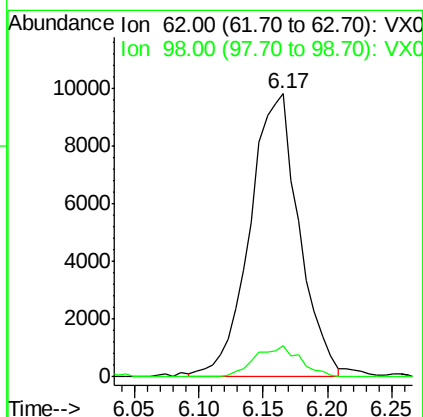
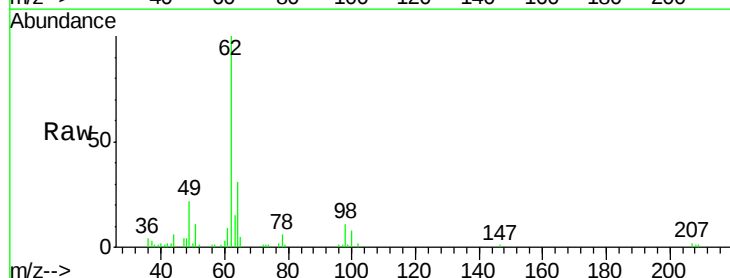
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

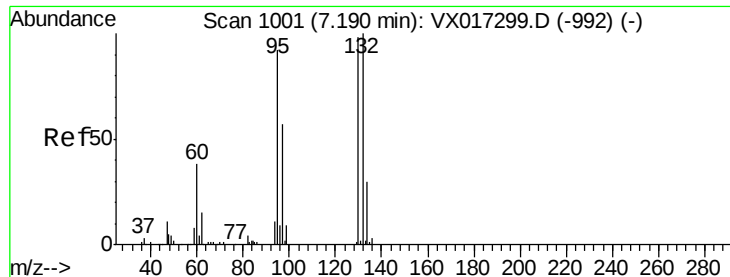
Tgt Ion:	41	Resp:	12895
Ion	Ratio	Lower	Upper
41	100		
39	53.4	26.0	78.0
67	59.7	32.6	97.8
52	25.4	14.2	42.6



#36
1,2-Dichloroethane
Concen: 4.771 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion:	62	Resp:	26072
Ion	Ratio	Lower	Upper
62	100		
98	6.1	7.8	11.8#

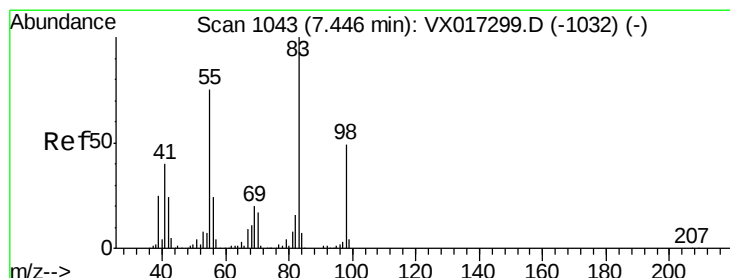
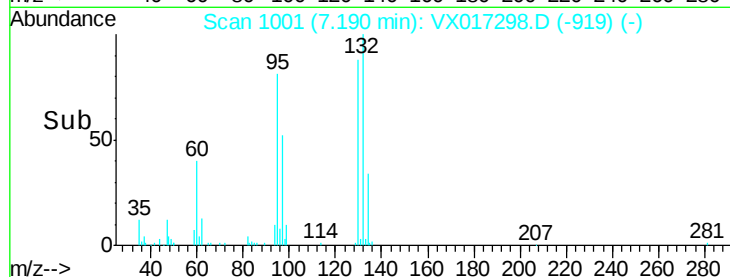
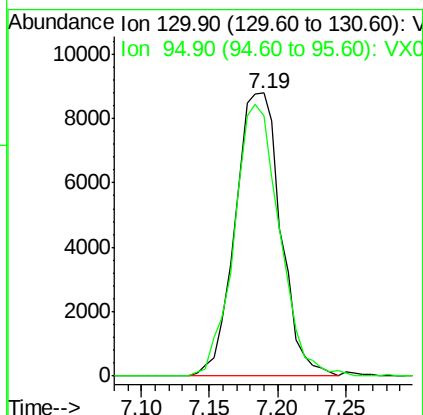
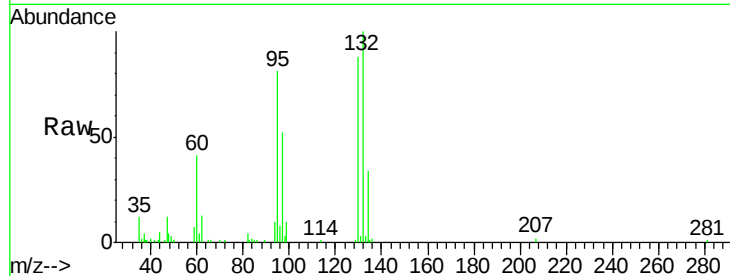




#37
 Trichloroethene
 Concen: 5.220 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

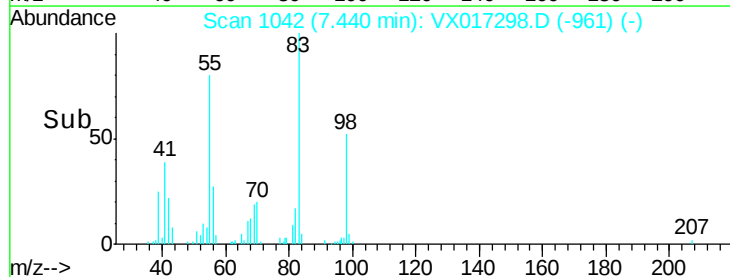
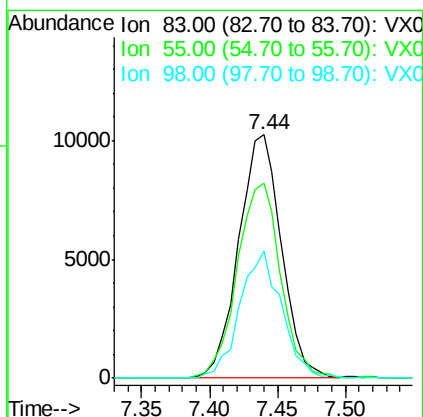
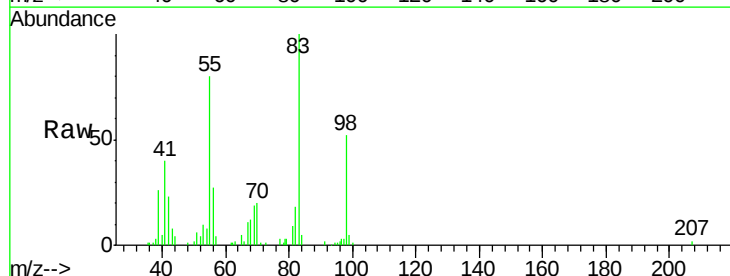
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

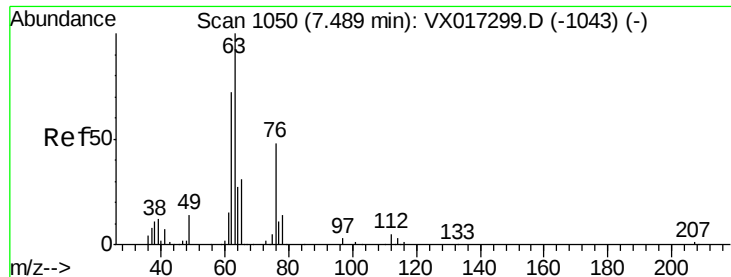
Tgt Ion: 130 Resp: 20526
 Ion Ratio Lower Upper
 130 100
 95 92.1 74.4 111.6



#38
 Methylcyclohexane
 Concen: 4.088 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 83 Resp: 22533
 Ion Ratio Lower Upper
 83 100
 55 81.4 39.0 117.0
 98 50.4 25.3 75.9





#39

1,2-Dichloropropane

Concen: 4.621 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

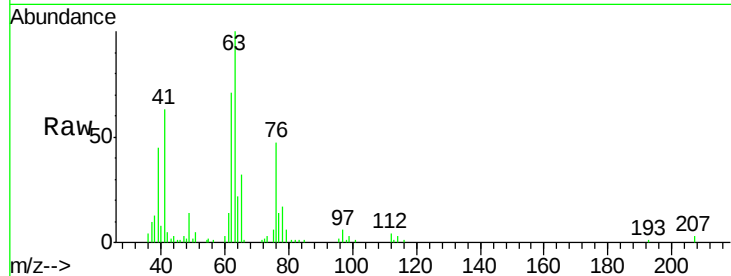
VSTDIC005

Tgt Ion: 63 Resp: 17106

Ion Ratio Lower Upper

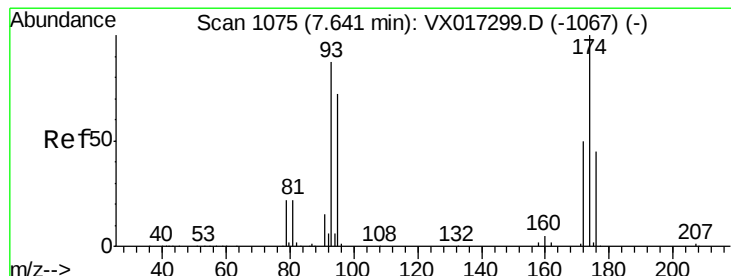
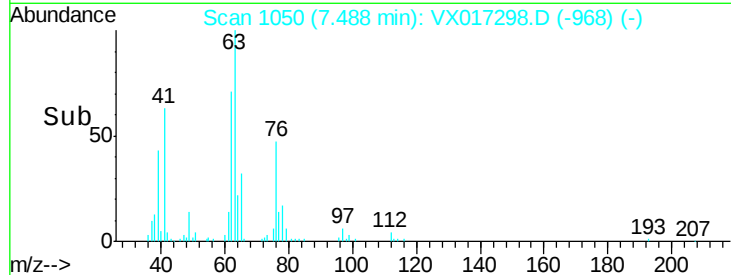
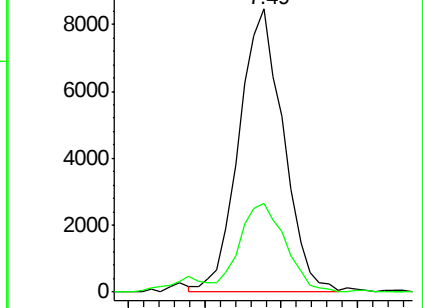
63 100

65 31.8 27.4 41.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 4.949 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

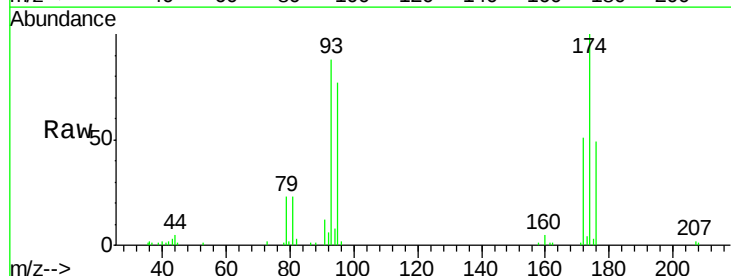
Tgt Ion: 93 Resp: 12673

Ion Ratio Lower Upper

93 100

95 83.2 0.0 164.4

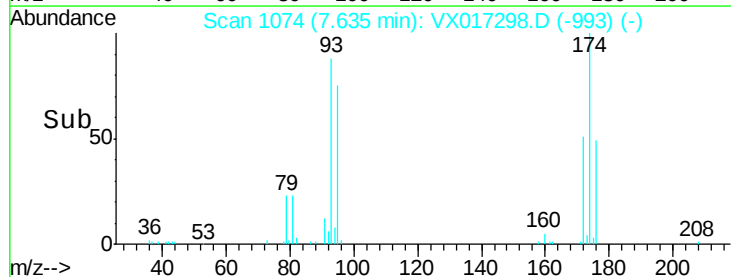
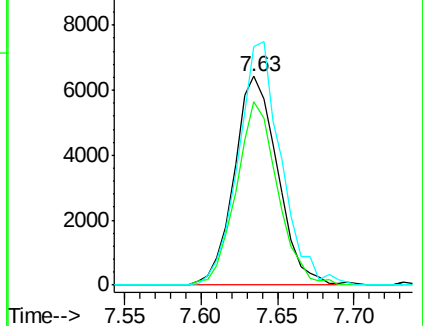
174 113.6 0.0 224.8

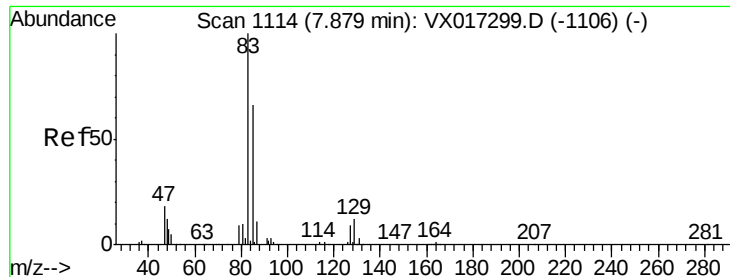


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 4.855 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

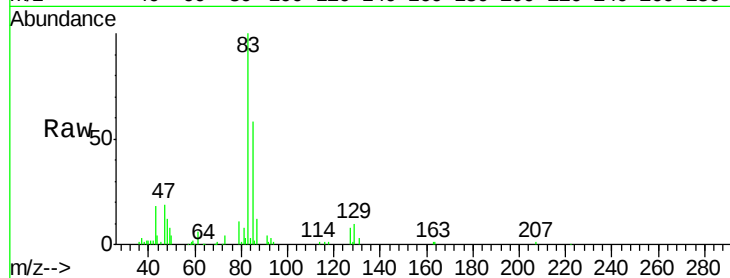
Tgt Ion: 83 Resp: 25759

Ion Ratio Lower Upper

83 100

85 58.3 53.1 79.7

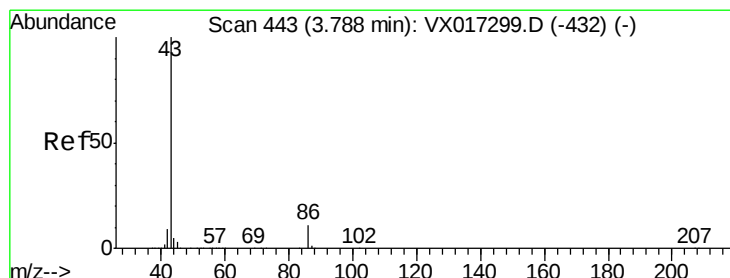
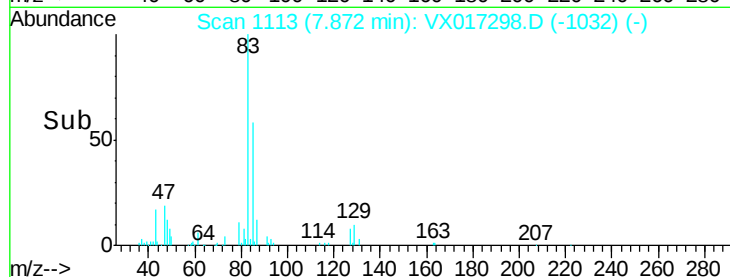
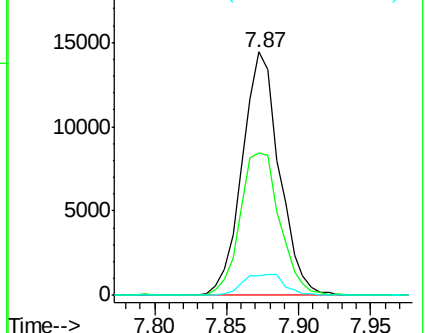
127 8.2 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 21.542 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017298.D

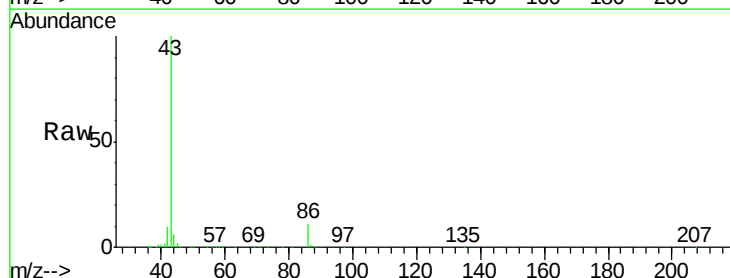
Acq: 09 Jul 2020 10:29

Tgt Ion: 43 Resp: 219268

Ion Ratio Lower Upper

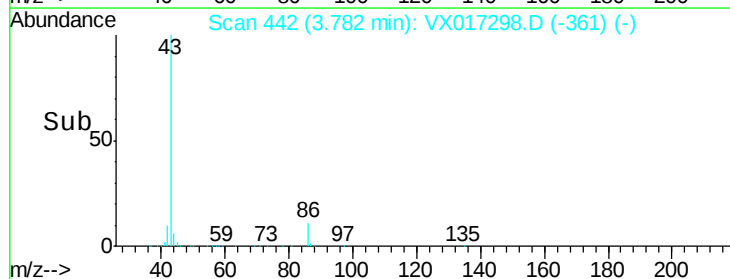
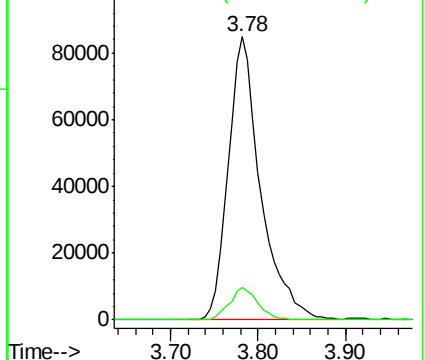
43 100

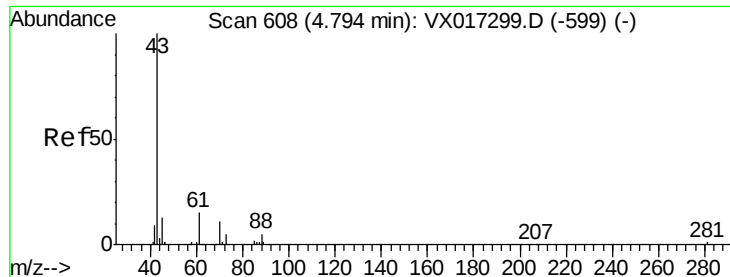
86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

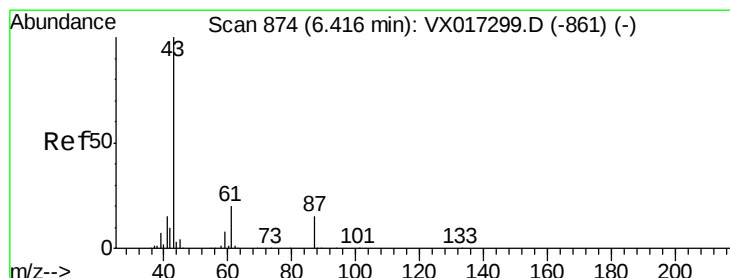
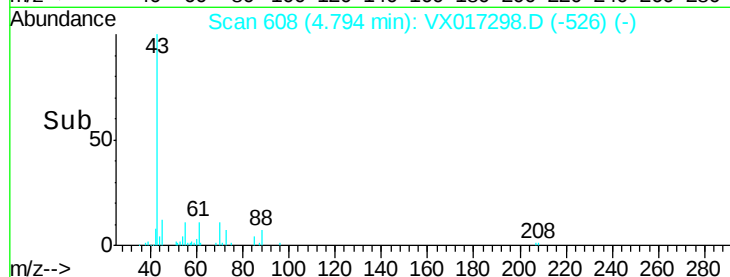
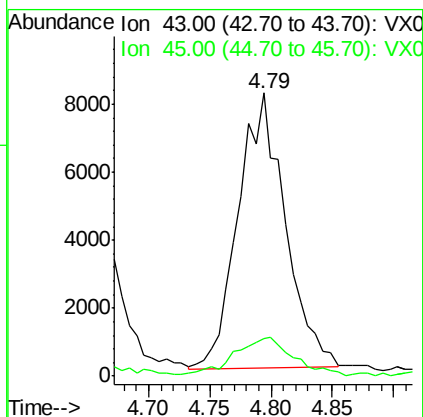
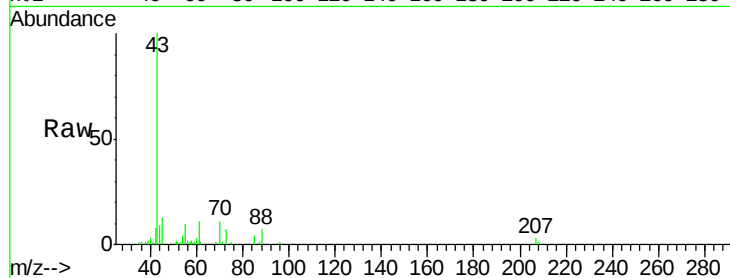




#43
Ethyl Acetate
Concen: 4.114 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

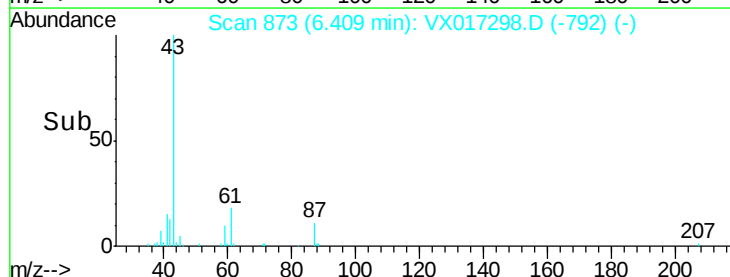
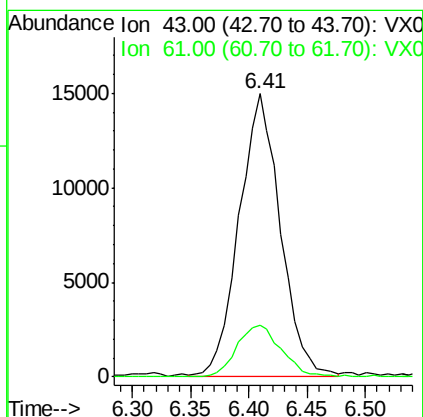
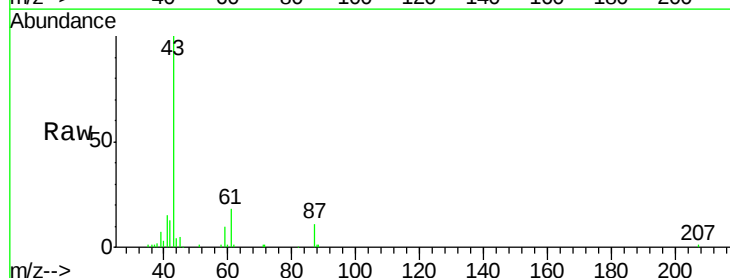
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

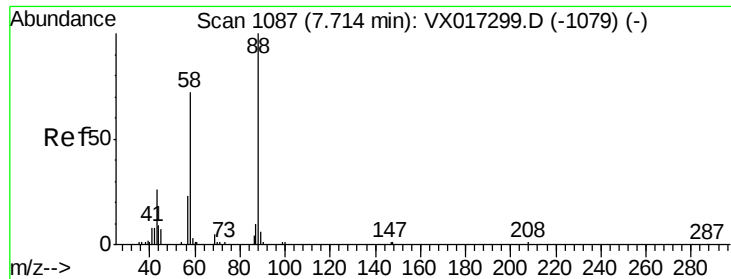
Tgt Ion: 43 Resp: 21577
Ion Ratio Lower Upper
43 100
45 16.4 12.1 18.1



#44
Isopropyl Acetate
Concen: 4.290 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion: 43 Resp: 37053
Ion Ratio Lower Upper
43 100
61 19.5 15.7 23.5





#45

1,4-Dioxane

Concen: 80.854 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

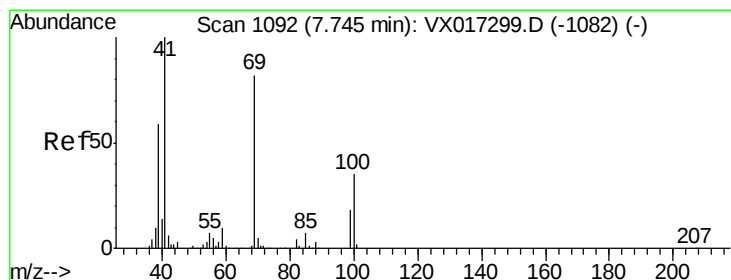
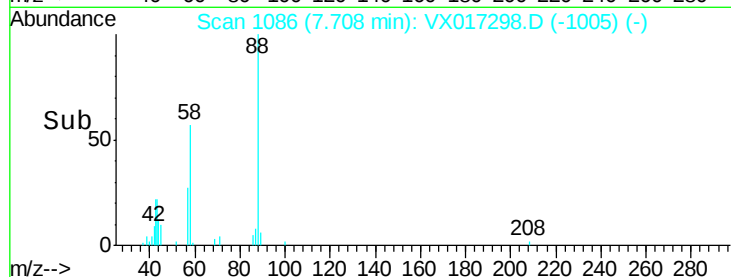
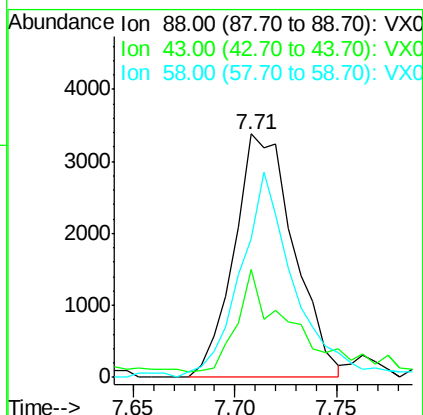
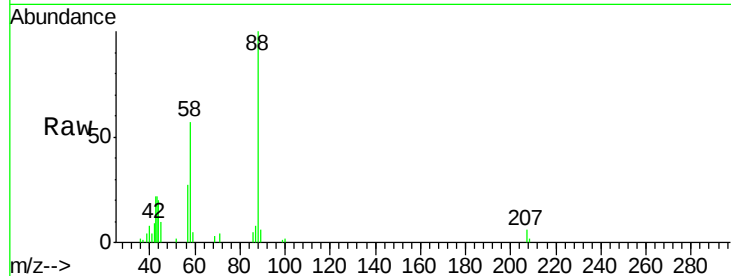
Tgt Ion: 88 Resp: 6887

Ion Ratio Lower Upper

88 100

43 16.9 29.0 43.4#

58 74.5 58.3 87.5



#46

Methyl methacrylate

Concen: 4.133 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

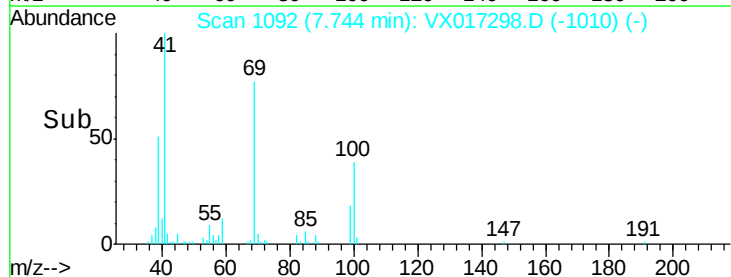
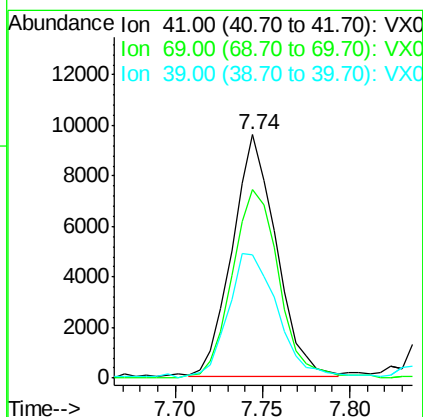
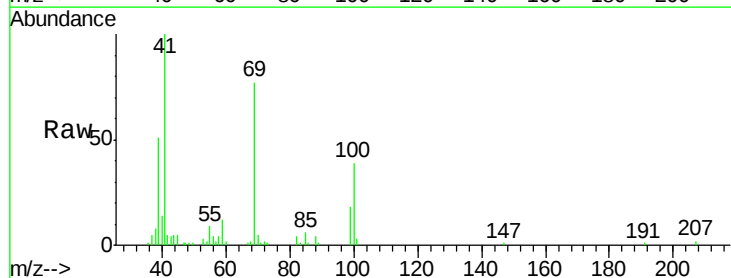
Tgt Ion: 41 Resp: 16640

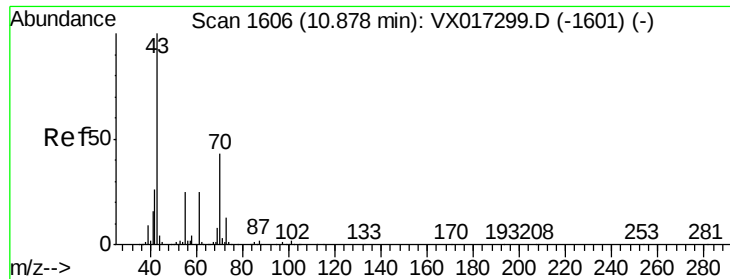
Ion Ratio Lower Upper

41 100

69 77.3 41.1 123.3

39 49.9 29.2 87.6





#47

n-amyl Acetate

Concen: 3.932 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

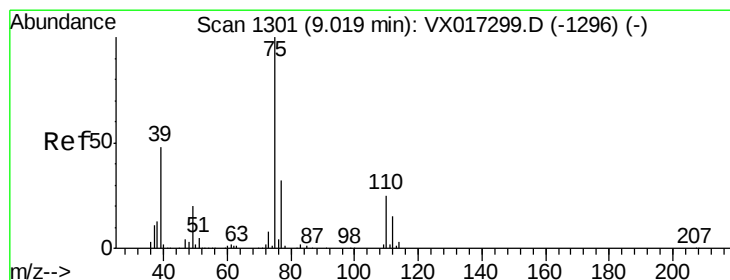
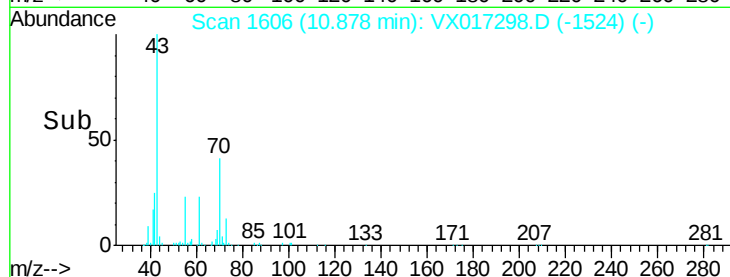
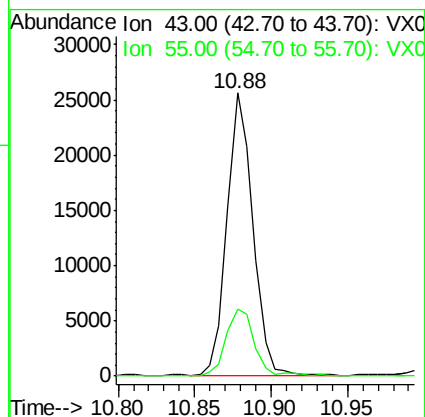
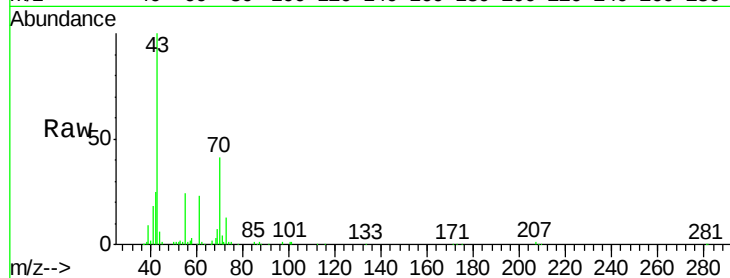
VSTDIC005

Tgt Ion: 43 Resp: 29989

Ion Ratio Lower Upper

43 100

55 25.1 20.4 30.6



#48

t-1,3-Dichloropropene

Concen: 4.687 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX017298.D

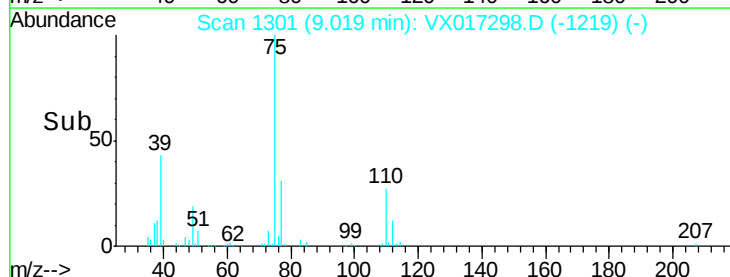
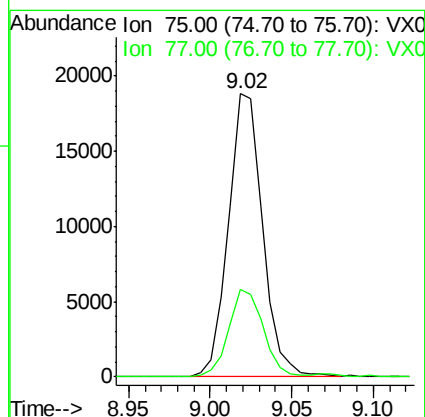
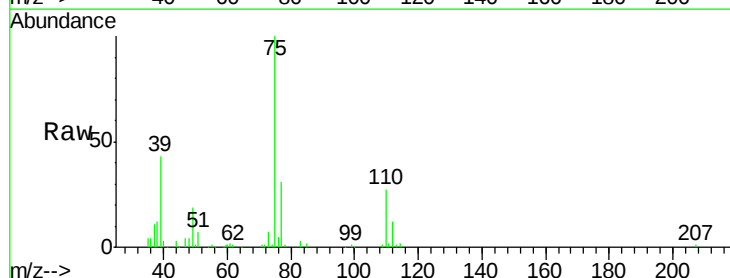
Acq: 09 Jul 2020 10:29

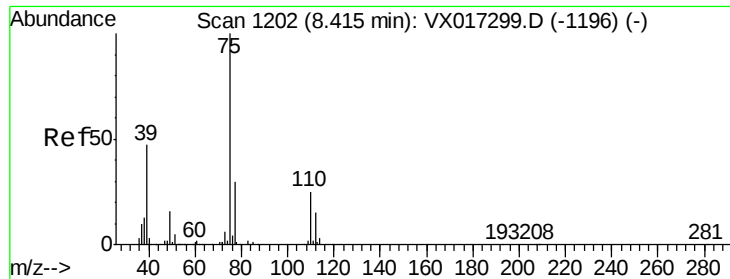
Tgt Ion: 75 Resp: 27552

Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4



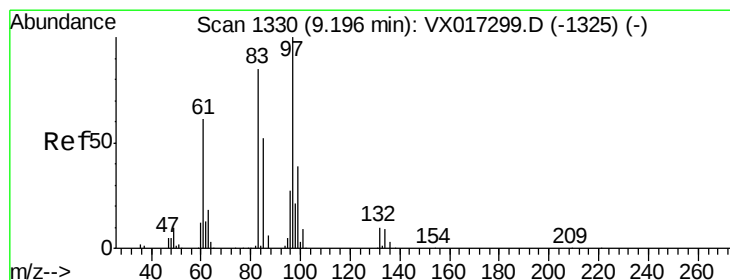
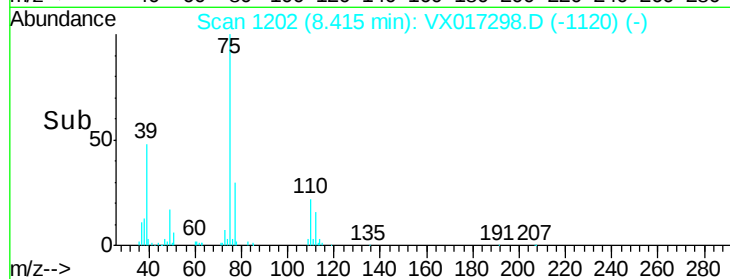
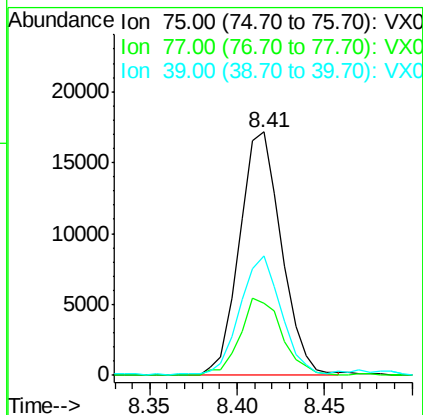
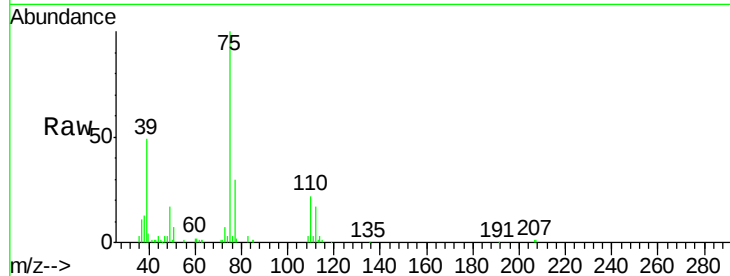


#49

cis-1,3-Dichloropropene
 Concen: 4.639 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

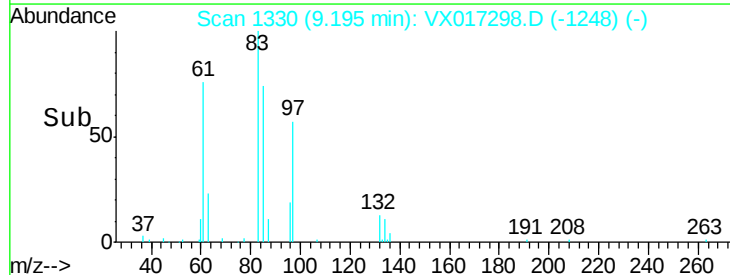
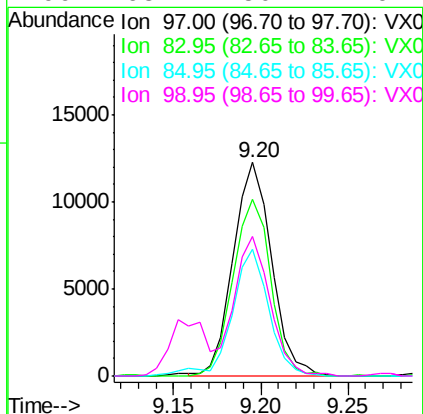
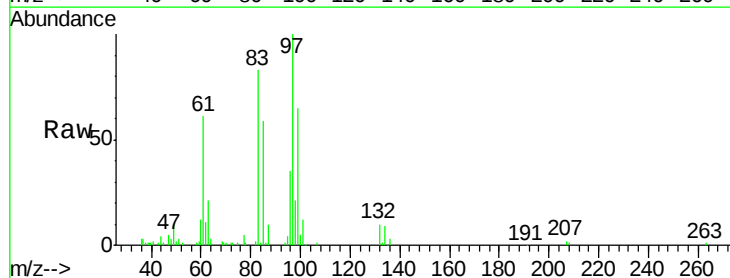
Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.7	23.6	35.4
39	48.0	37.5	56.3

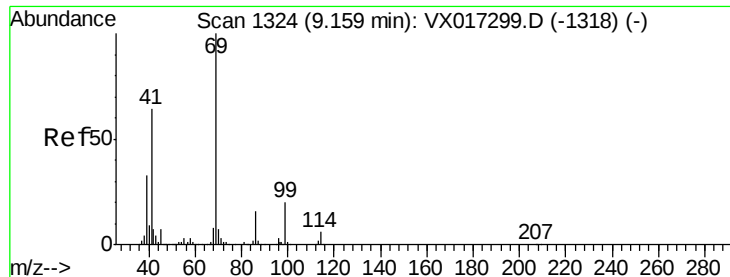


#50

1,1,2-Trichloroethane
 Concen: 5.193 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.9	101.9
85	59.4	42.6	64.0
99	65.1	50.7	76.1





#51

Ethyl methacrylate

Concen: 4.243 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

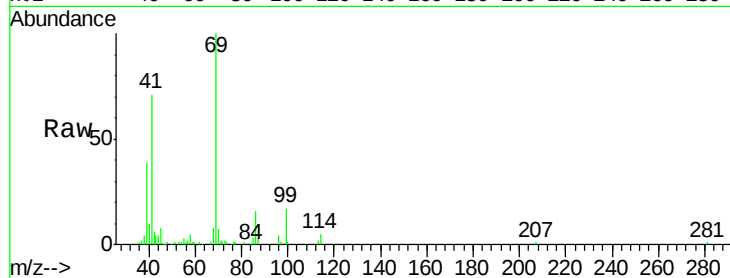
Tgt Ion: 69 Resp: 23224

Ion Ratio Lower Upper

69 100

41 71.3 32.1 96.5

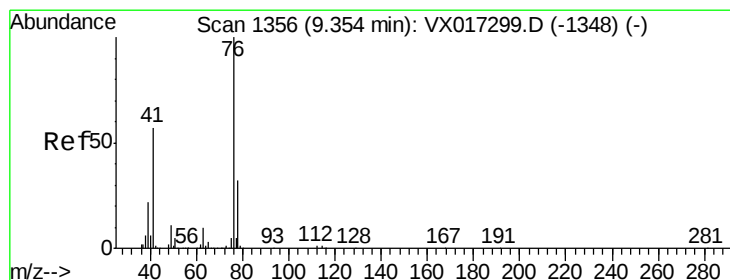
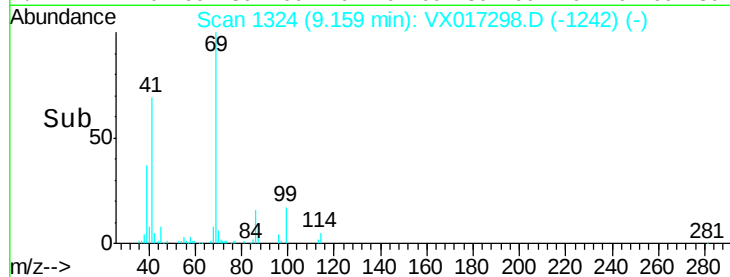
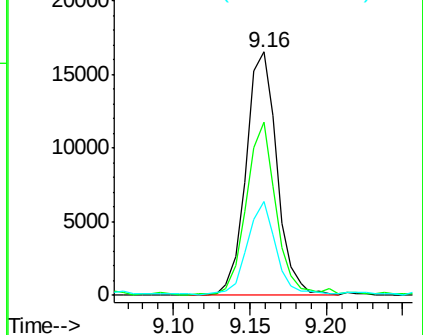
39 38.3 16.3 48.9



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 4.775 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX017298.D

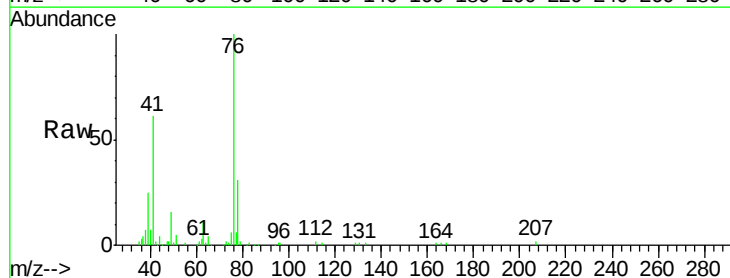
Acq: 09 Jul 2020 10:29

Tgt Ion: 76 Resp: 29213

Ion Ratio Lower Upper

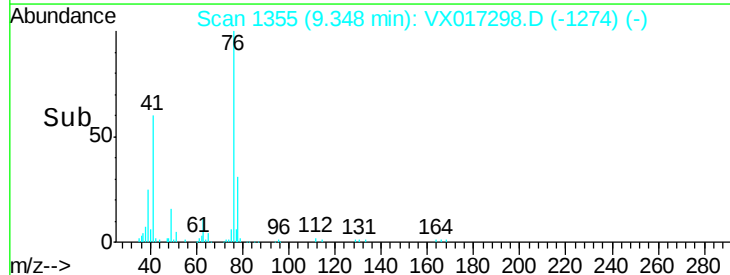
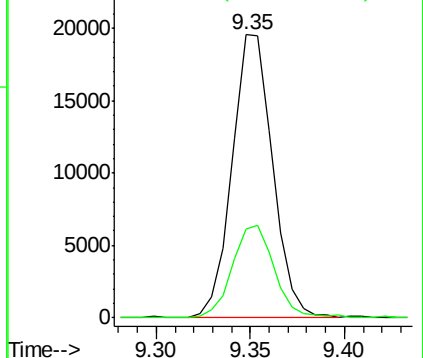
76 100

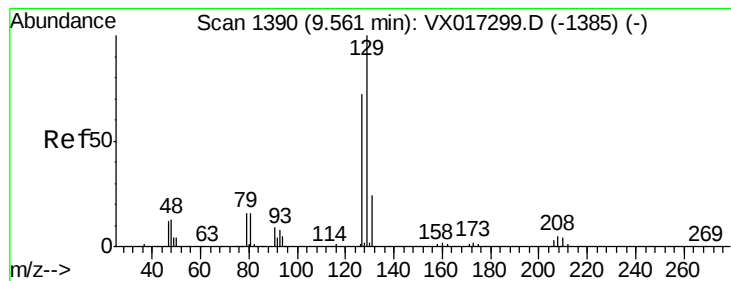
78 34.0 0.0 65.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 5.242 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

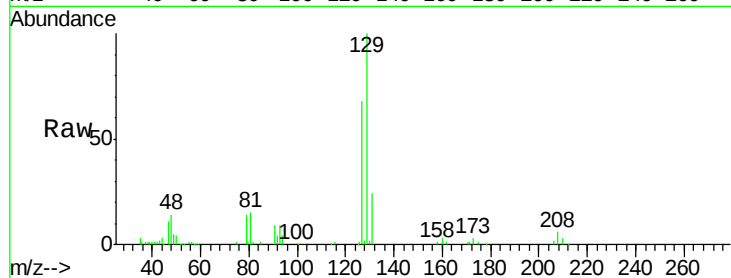
VSTDIC005

Tgt Ion:129 Resp: 22034

Ion Ratio Lower Upper

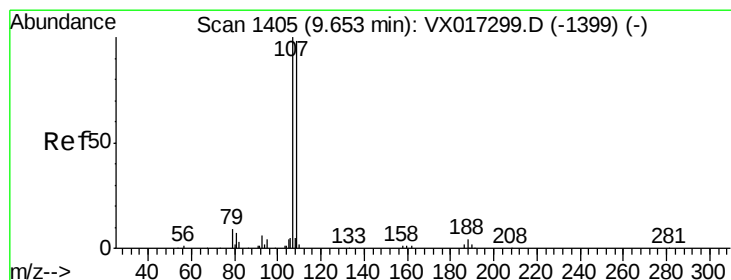
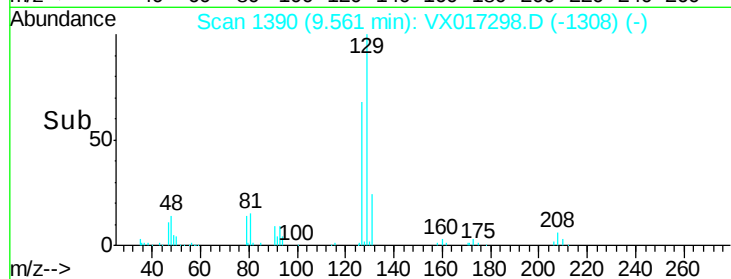
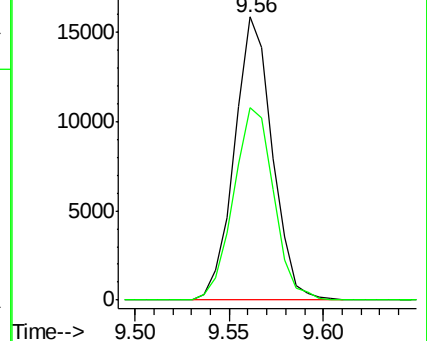
129 100

127 72.2 37.5 112.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 4.999 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017298.D

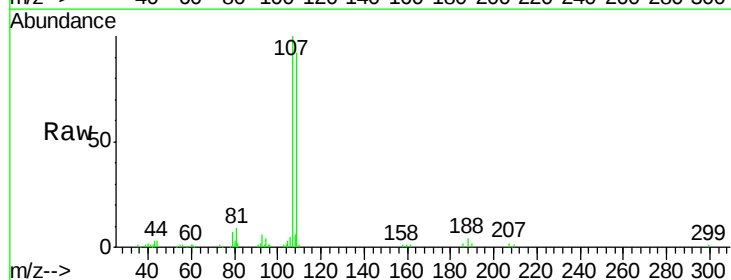
Acq: 09 Jul 2020 10:29

Tgt Ion:107 Resp: 19210

Ion Ratio Lower Upper

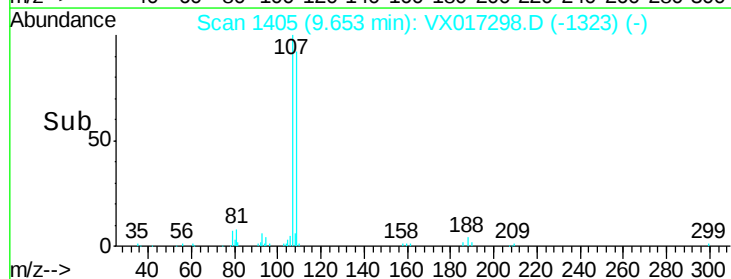
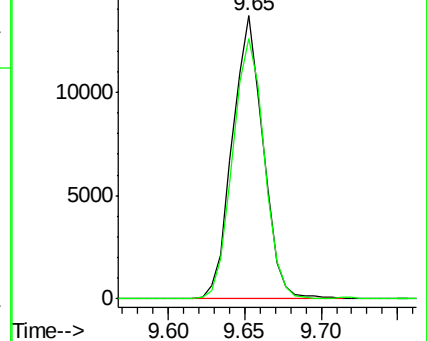
107 100

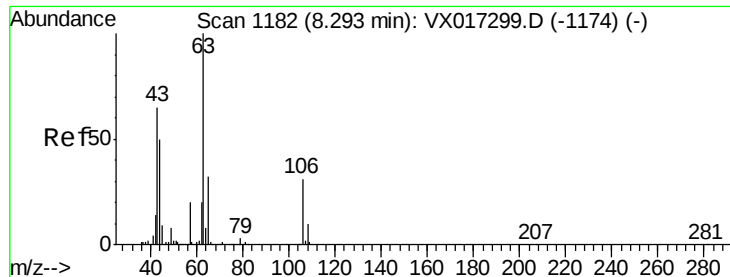
109 93.5 76.9 115.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

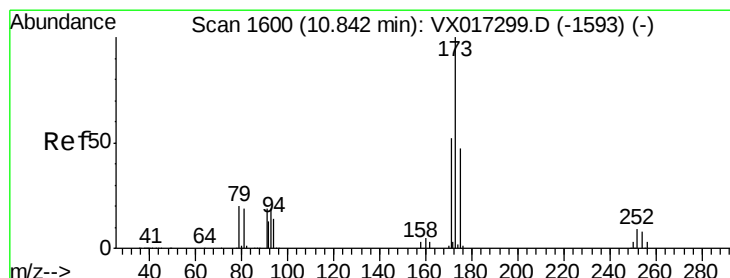
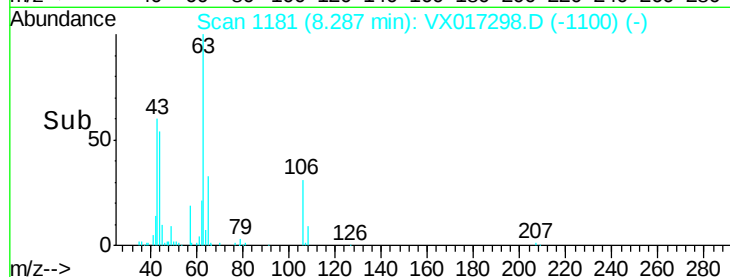
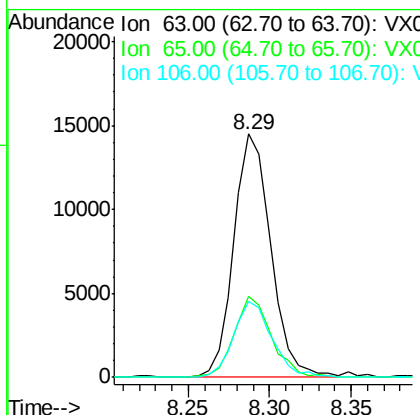
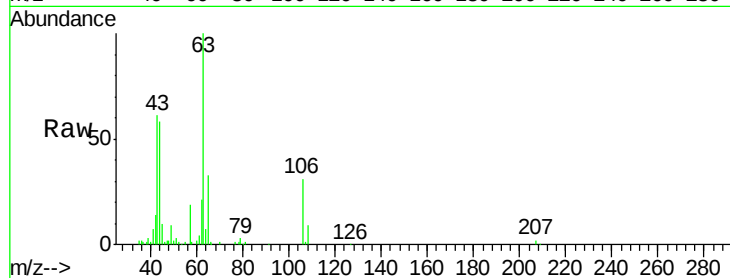




#55
2-Chloroethyl vinyl ether
Concen: 7.971 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

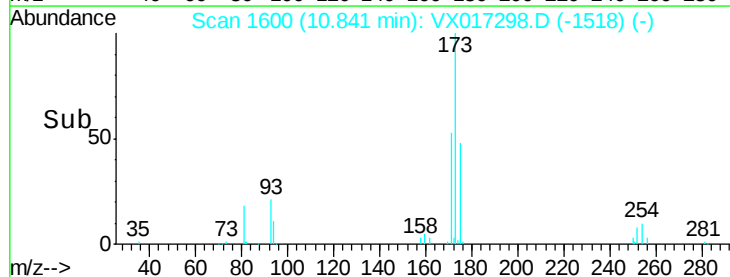
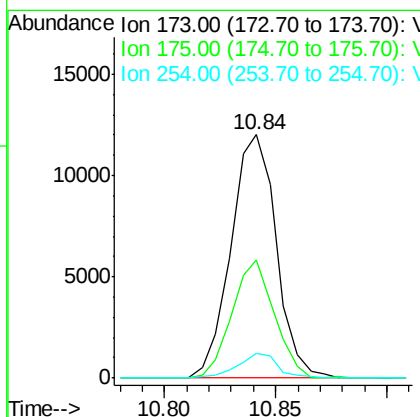
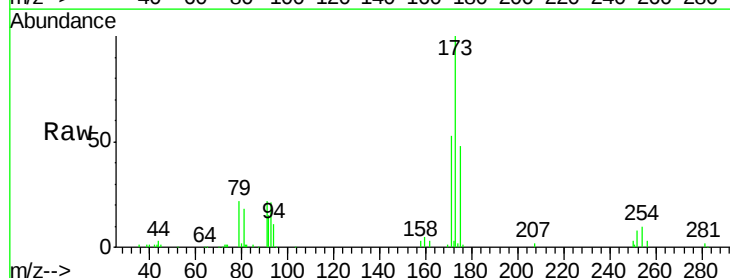
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

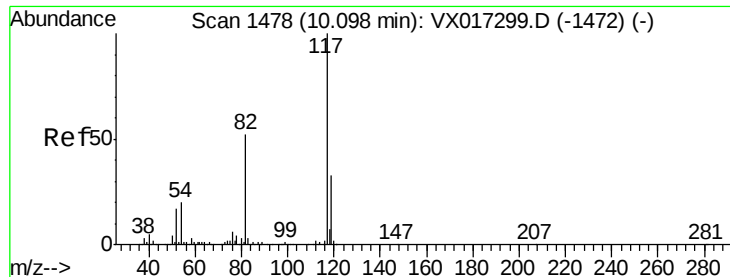
Tgt Ion: 63 Resp: 22983
Ion Ratio Lower Upper
63 100
65 33.2 25.4 38.0
106 32.3 24.5 36.7



#56
Bromoform
Concen: 5.611 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion: 173 Resp: 17008
Ion Ratio Lower Upper
173 100
175 45.2 38.4 57.6
254 9.1 7.0 10.4

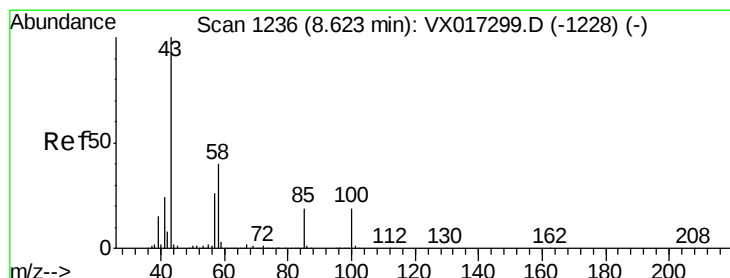
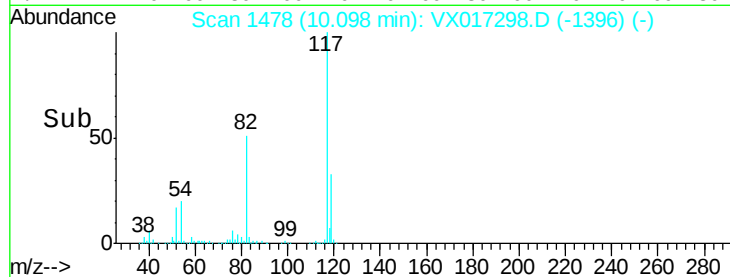
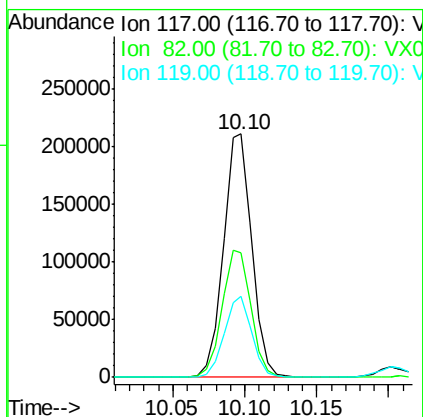
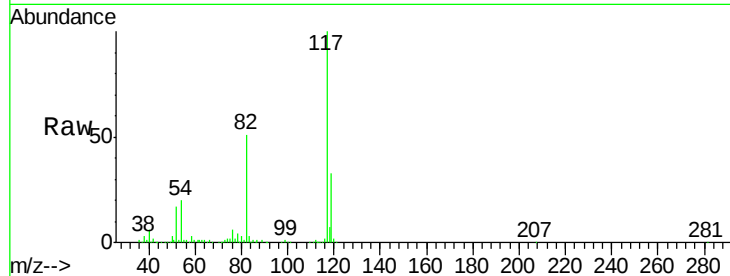




#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

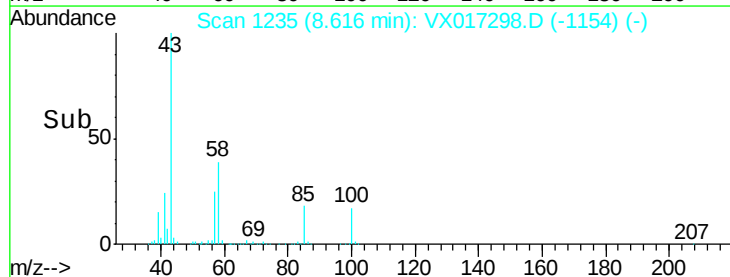
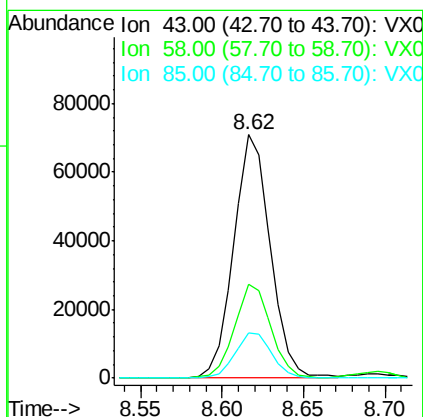
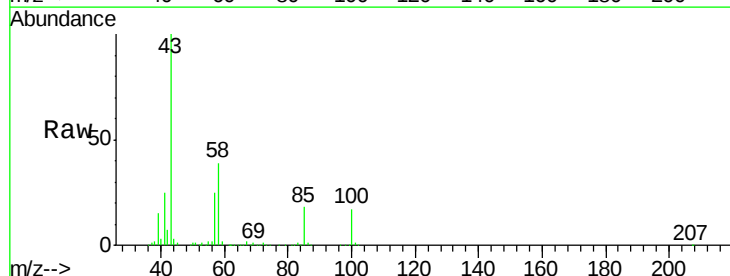
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

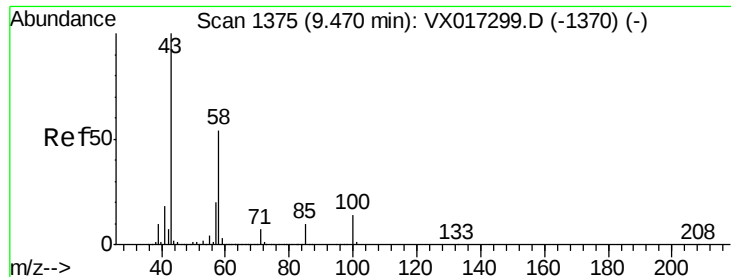
Tgt Ion: 117 Resp: 291154
 Ion Ratio Lower Upper
 117 100
 82 53.3 42.2 63.4
 119 32.5 26.4 39.6



#58
 4-Methyl-2-Pentanone
 Concen: 21.125 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 43 Resp: 109908
 Ion Ratio Lower Upper
 43 100
 58 38.7 32.2 48.2
 85 18.8 14.8 22.2

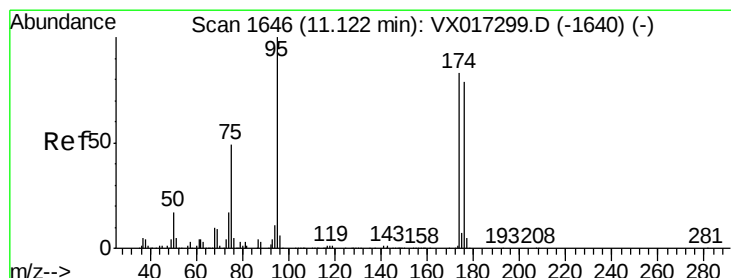
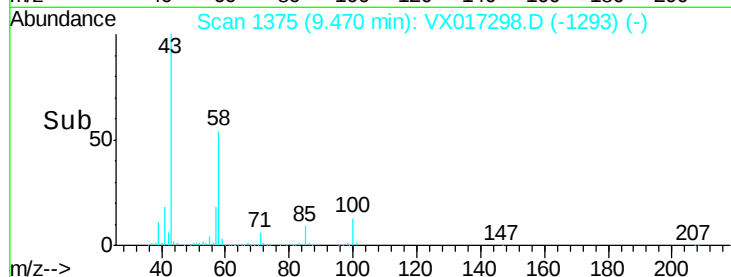
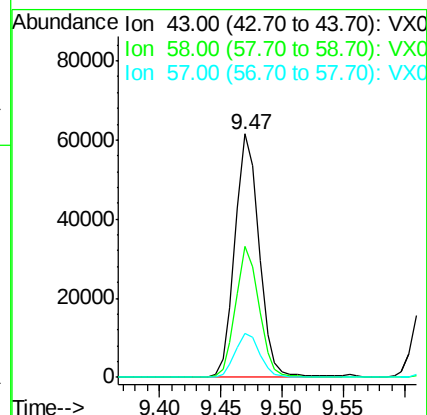
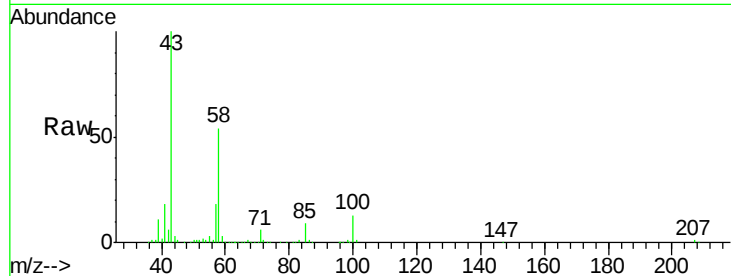




#59
2-Hexanone
Concen: 21.570 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

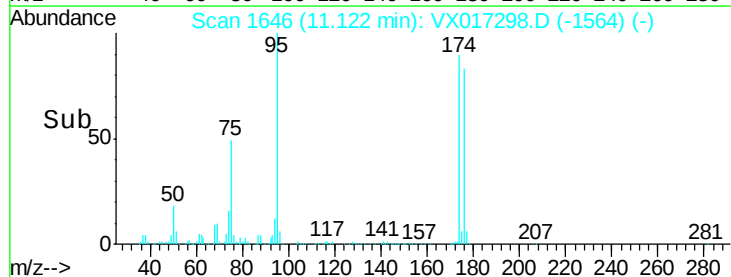
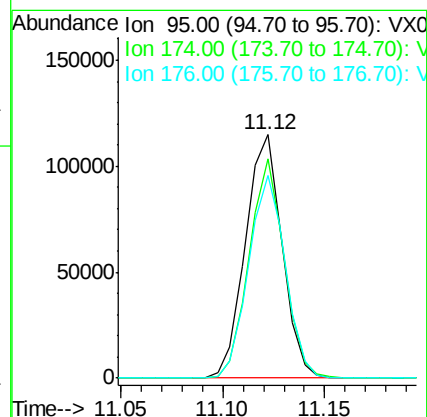
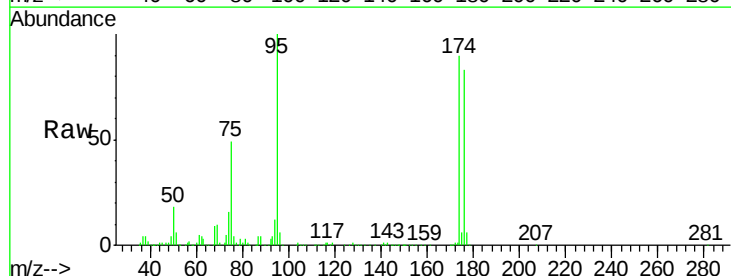
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

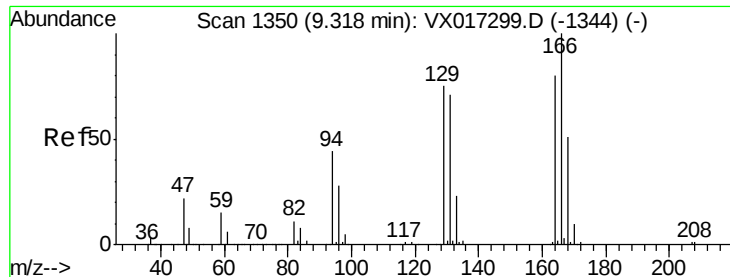
Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.5	43.4	65.0
57	18.6	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.275 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.3	66.9	100.3
176	83.4	65.5	98.3





#61

Tetrachloroethene

Concen: 5.861 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 21847

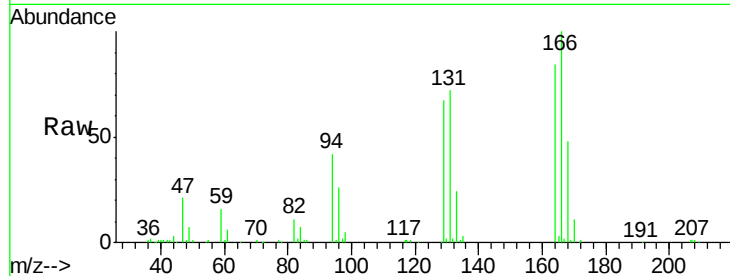
Ion Ratio Lower Upper

164 100

166 119.1 99.8 149.6

129 80.2 74.4 111.6

131 85.9 70.6 105.8

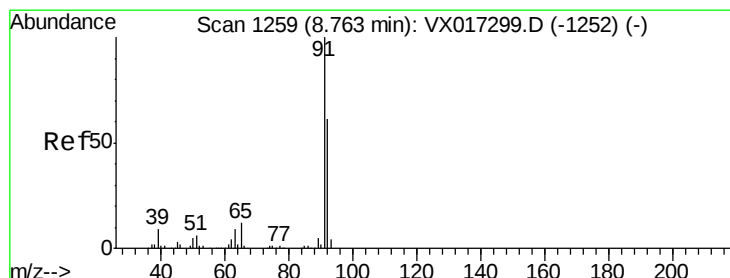
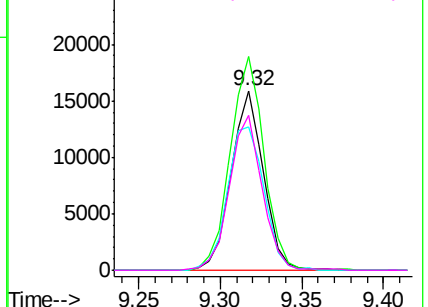
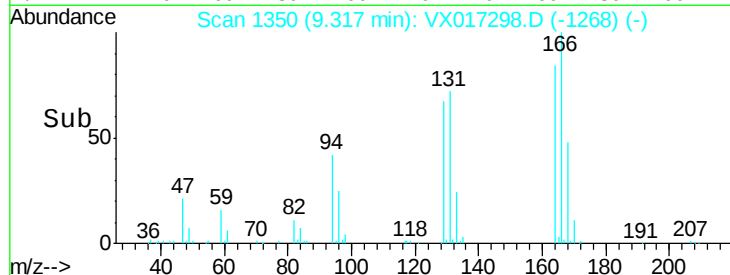


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 4.747 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017298.D

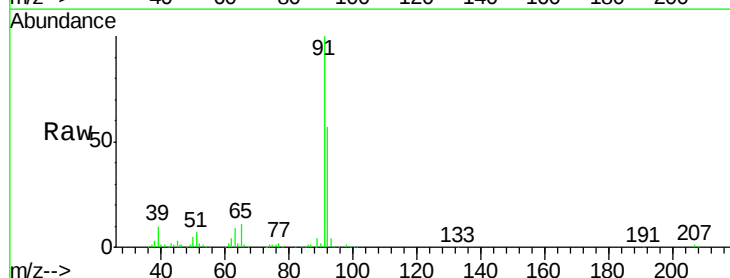
Acq: 09 Jul 2020 10:29

Tgt Ion: 91 Resp: 73423

Ion Ratio Lower Upper

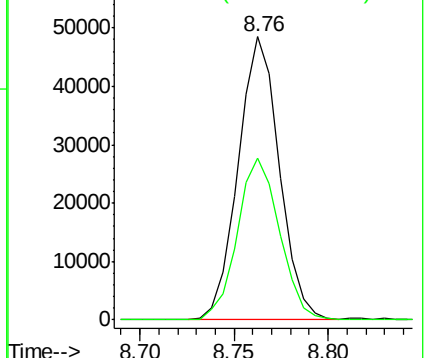
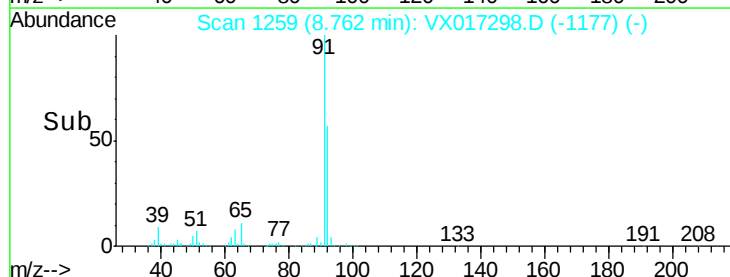
91 100

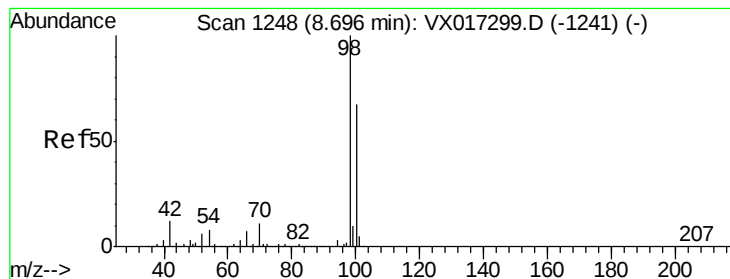
92 58.8 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.758 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

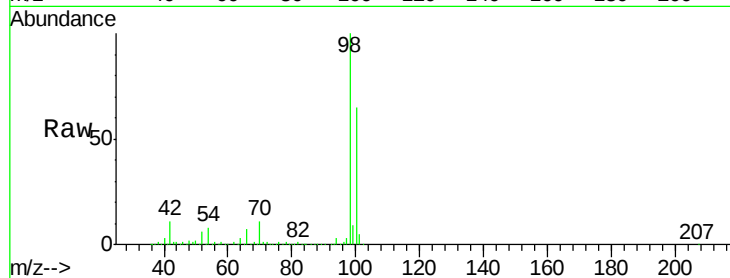
VSTDIC005

Tgt Ion: 98 Resp: 380849

Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VX017299.D (-1241) (-)

Ion 100.00 (99.70 to 100.70): VX017299.D (-1241) (-)

8.70

250000

200000

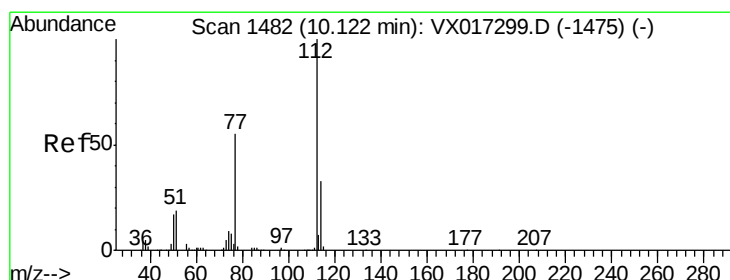
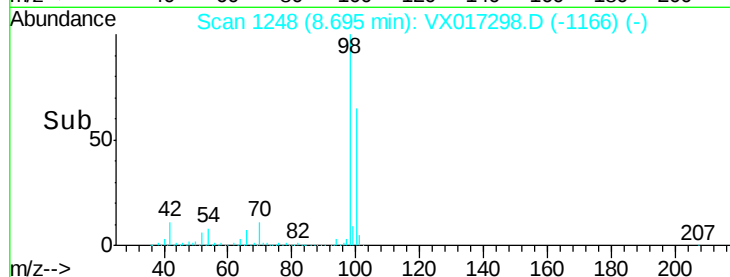
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 5.032 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017298.D

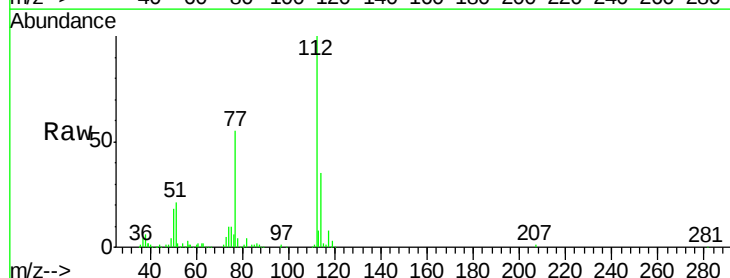
Acq: 09 Jul 2020 10:29

Tgt Ion: 112 Resp: 49262

Ion Ratio Lower Upper

112 100

114 35.2 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): VX017299.D (-1475) (-)

Ion 114.00 (113.70 to 114.70): VX017299.D (-1475) (-)

10.12

40000

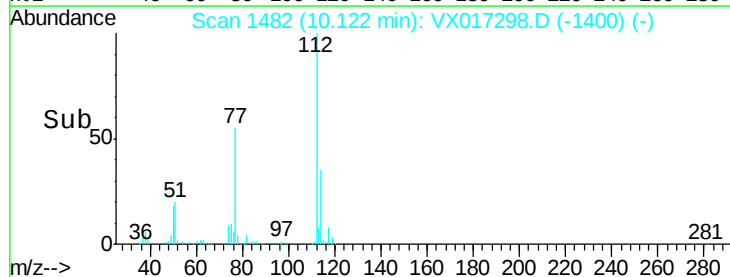
30000

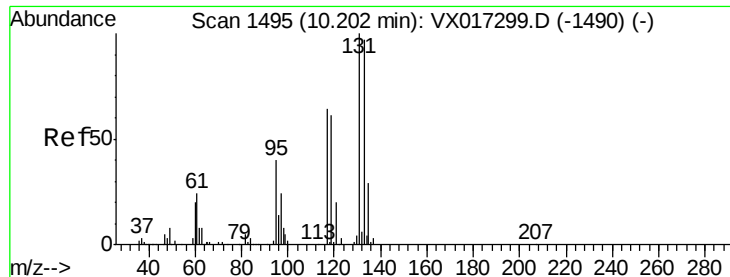
20000

10000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 5.463 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

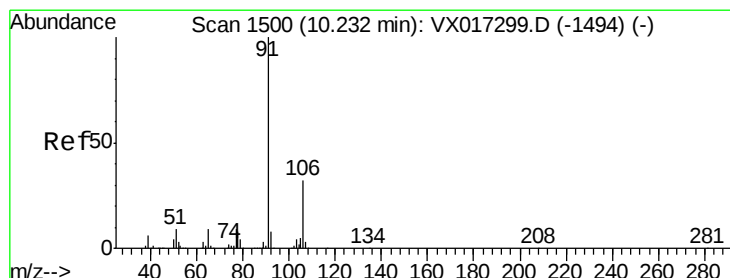
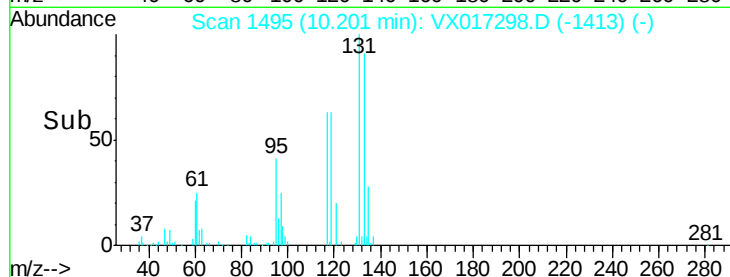
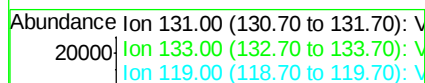
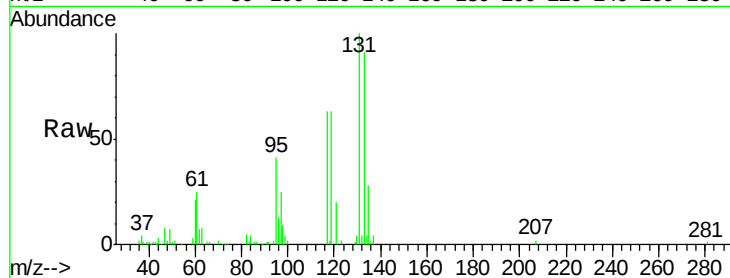
Tgt Ion:131 Resp: 20310

Ion Ratio Lower Upper

131 100

133 90.9 0.0 196.8

119 62.3 0.0 126.0



#66

Ethyl Benzene

Concen: 4.592 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017298.D

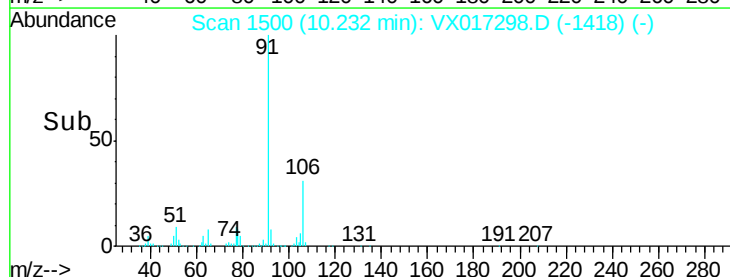
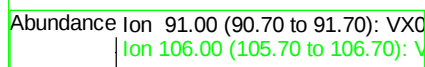
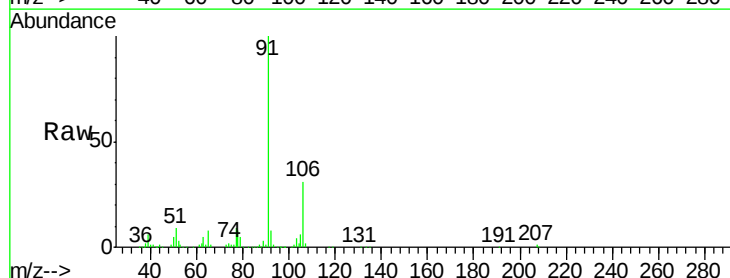
Acq: 09 Jul 2020 10:29

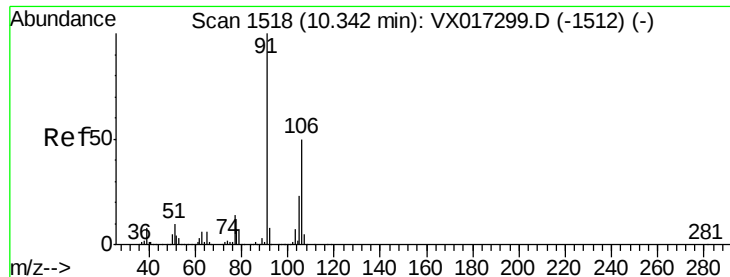
Tgt Ion: 91 Resp: 78818

Ion Ratio Lower Upper

91 100

106 30.8 25.2 37.8

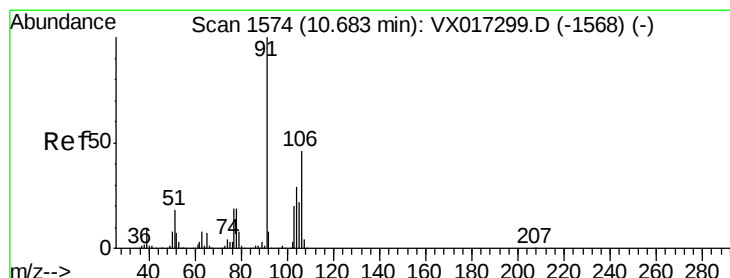
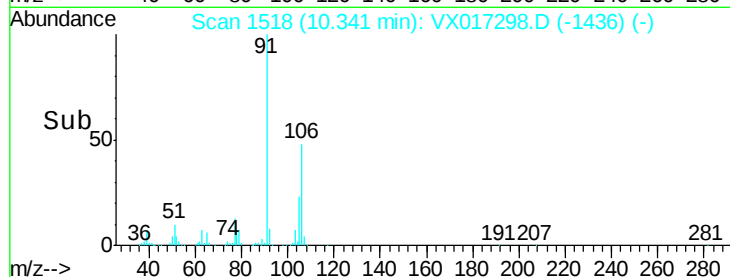
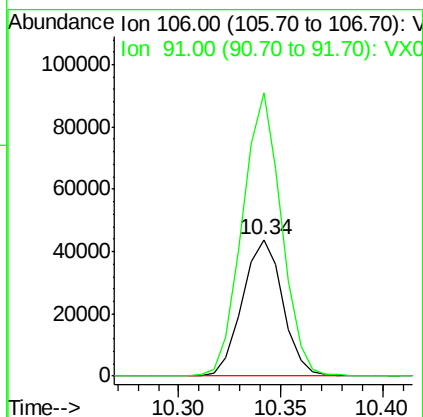
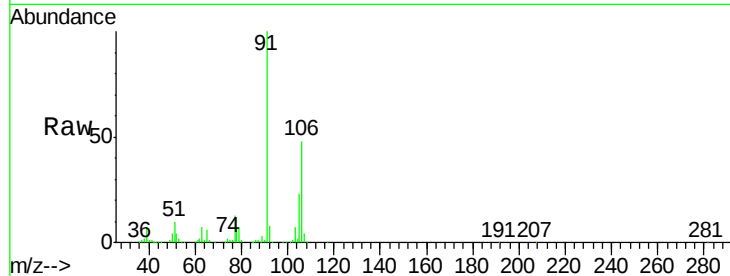




#67
m/p-Xylenes
Concen: 9.215 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

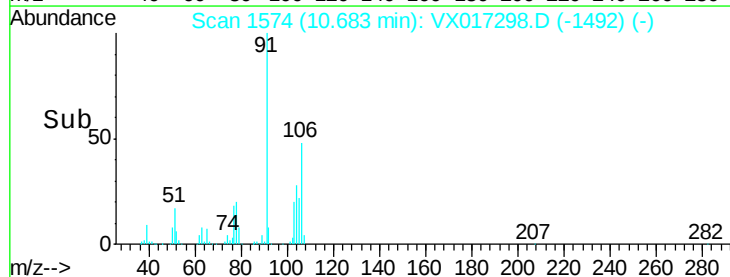
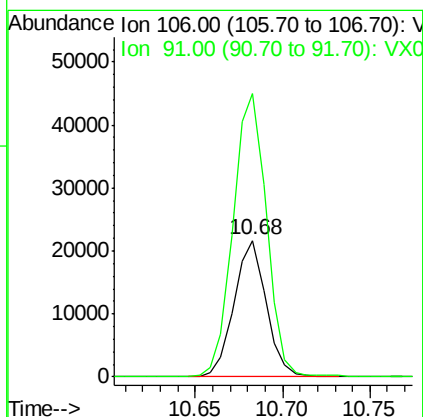
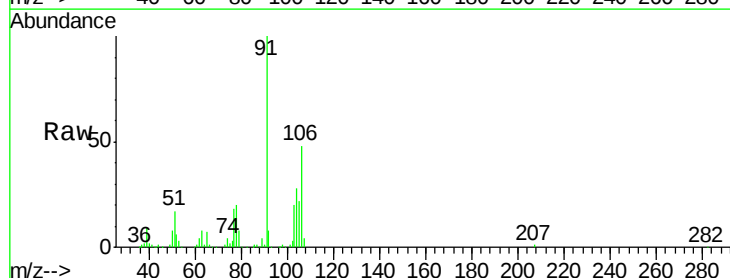
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

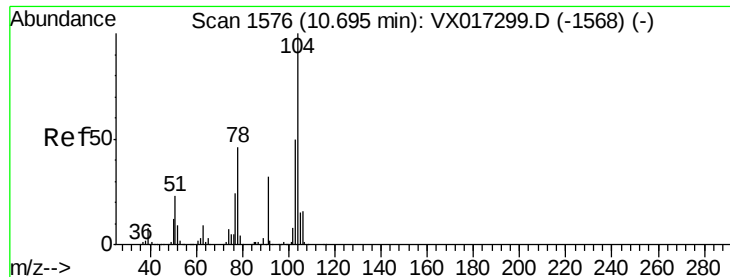
Tgt Ion:106 Resp: 60138
Ion Ratio Lower Upper
106 100
91 201.7 159.7 239.5



#68
o-Xylene
Concen: 4.463 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion:106 Resp: 27706
Ion Ratio Lower Upper
106 100
91 214.8 109.6 328.8

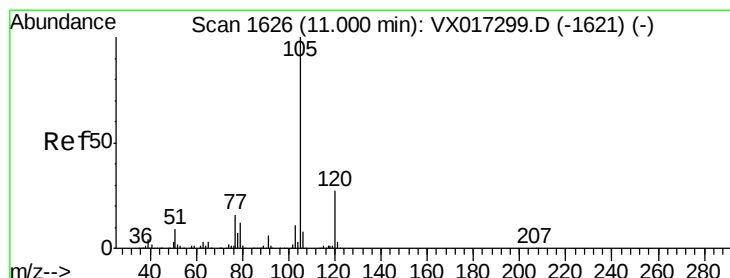
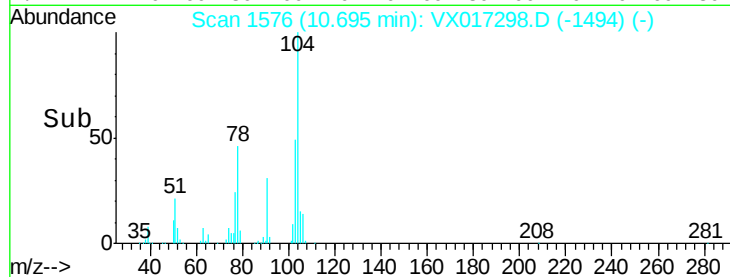
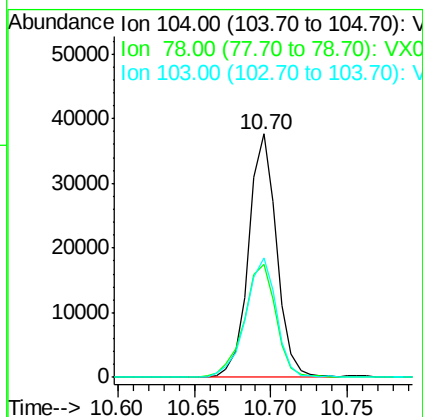
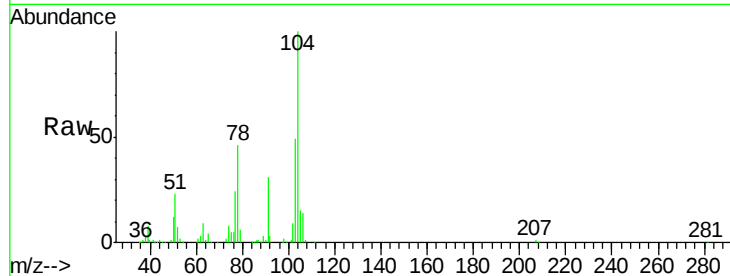




#69
Styrene
Concen: 4.443 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

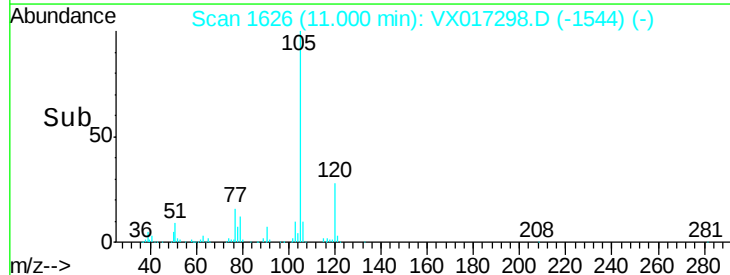
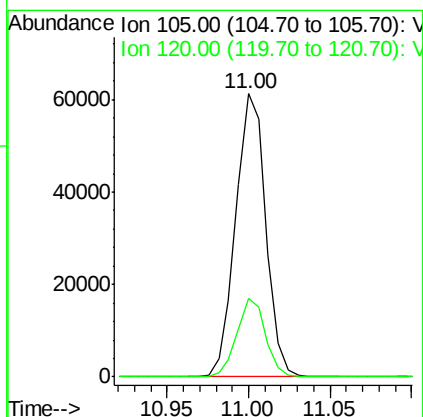
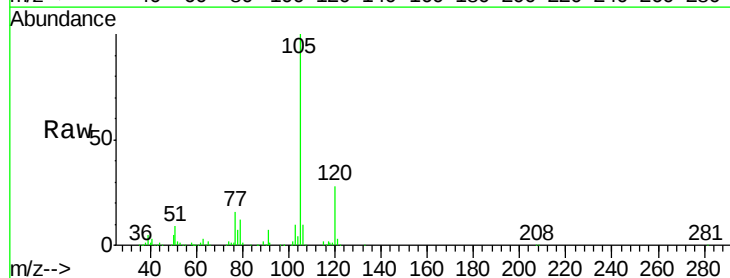
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

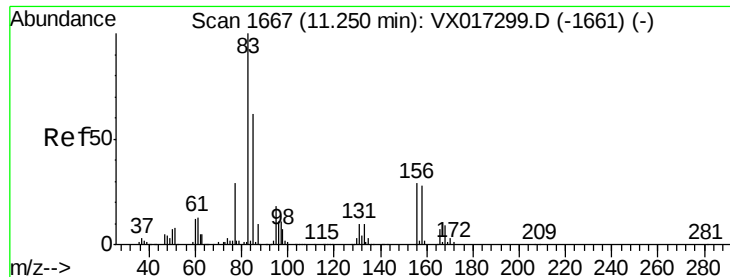
Tgt Ion:104 Resp: 47786
Ion Ratio Lower Upper
104 100
78 52.7 40.8 61.2
103 53.8 44.3 66.5



#70
Isopropylbenzene
Concen: 4.628 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion:105 Resp: 78754
Ion Ratio Lower Upper
105 100
120 26.2 19.3 35.8

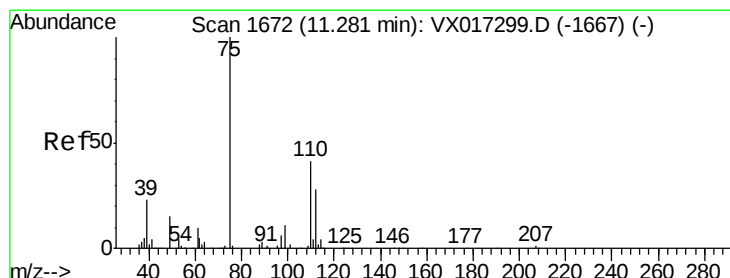
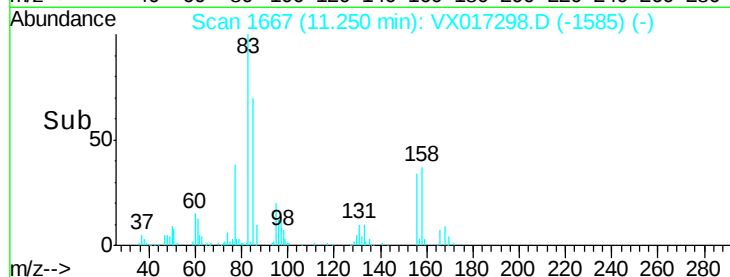
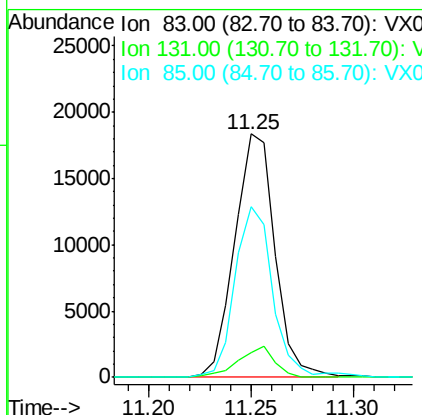
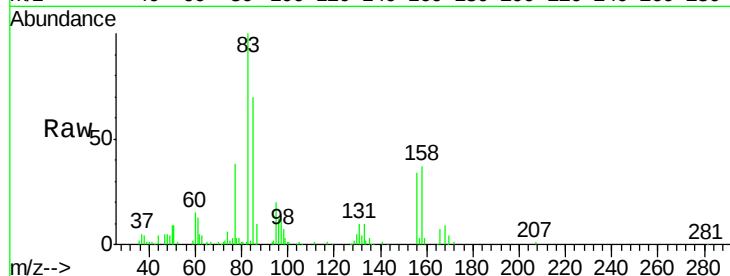




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.798 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

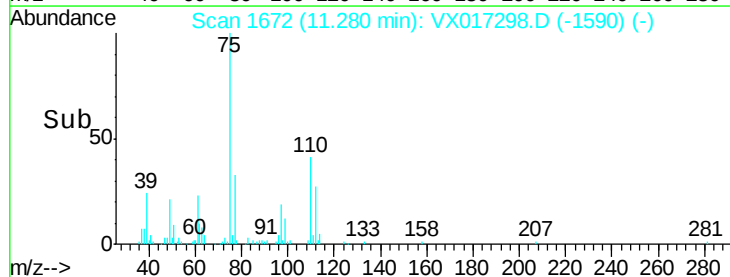
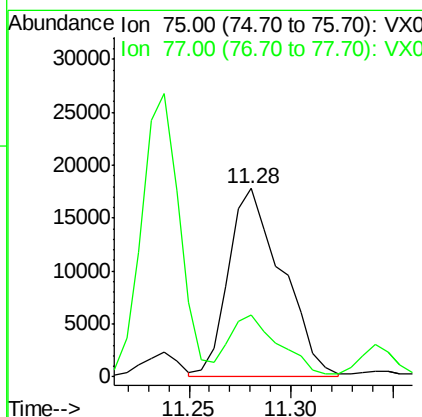
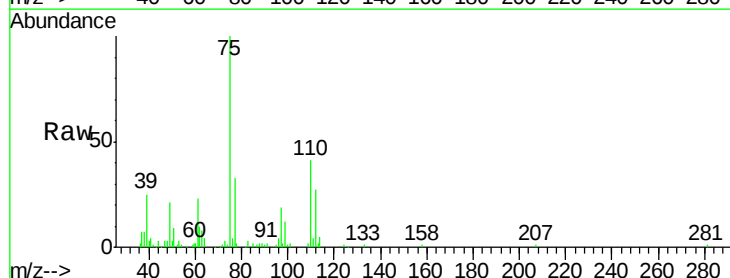
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

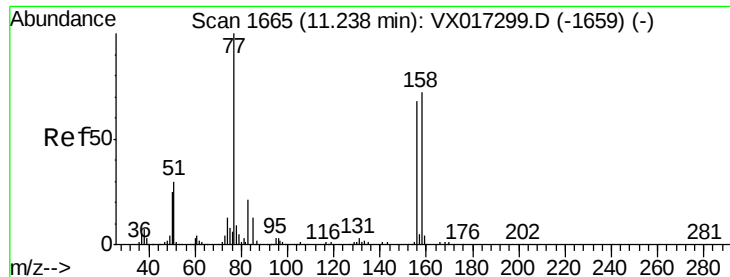
Tgt Ion: 83 Resp: 25161
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.5 16.5
 85 64.8 31.5 94.5



#72
 1,2,3-Trichloropropane
 Concen: 6.453 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 75 Resp: 32533
 Ion Ratio Lower Upper
 75 100
 77 30.0 0.0 72.2





#73

Bromobenzene

Concen: 5.226 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

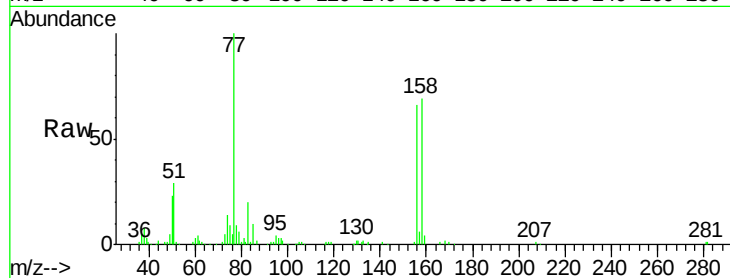
Tgt Ion:156 Resp: 22760

Ion Ratio Lower Upper

156 100

77 151.5 0.0 299.2

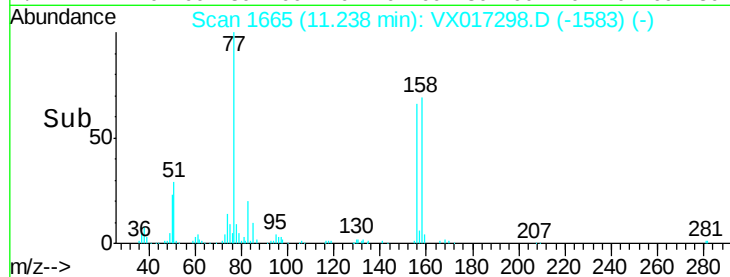
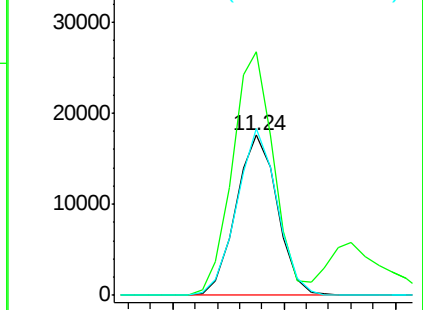
158 101.8 0.0 199.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.592 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017298.D

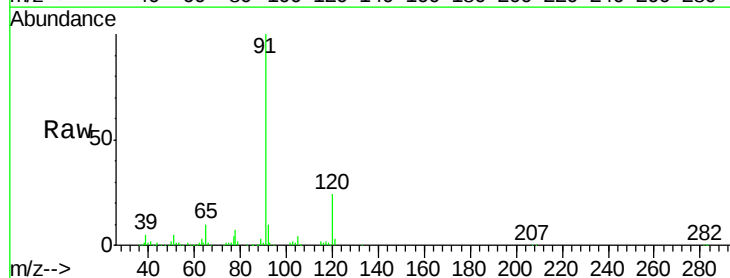
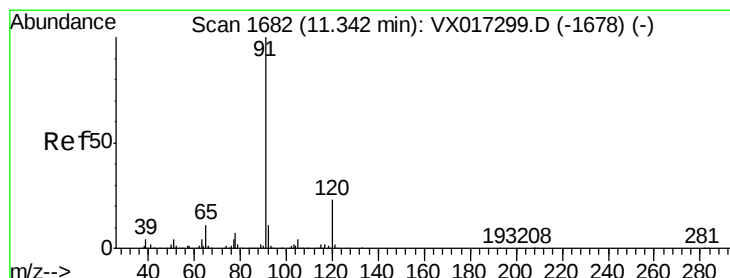
Acq: 09 Jul 2020 10:29

Tgt Ion: 91 Resp: 92179

Ion Ratio Lower Upper

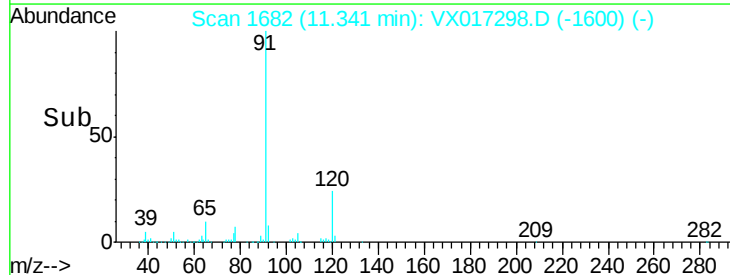
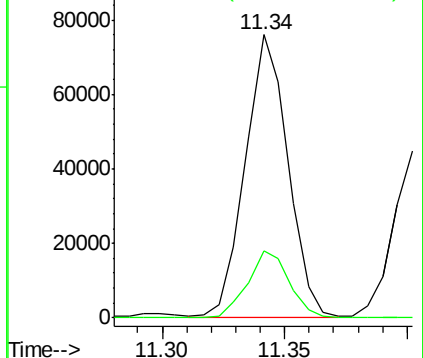
91 100

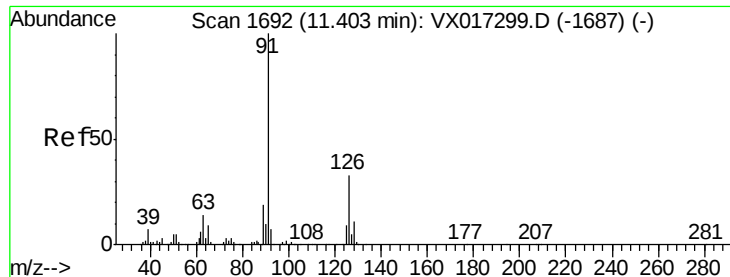
120 23.2 0.0 48.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 4.793 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

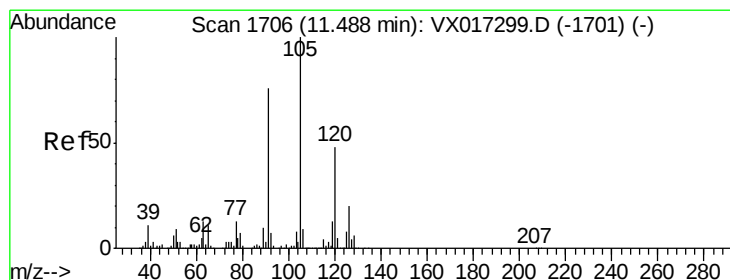
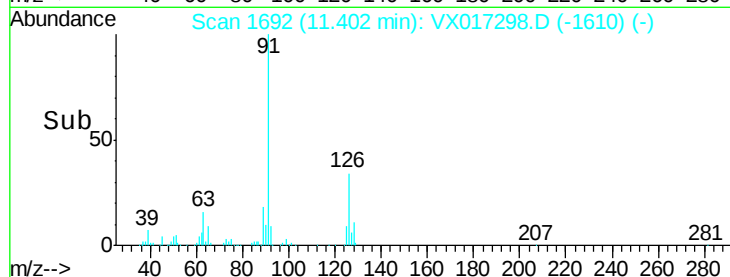
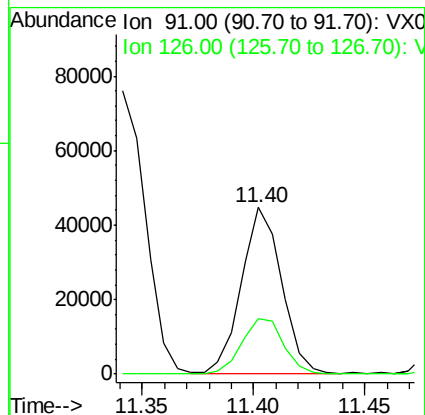
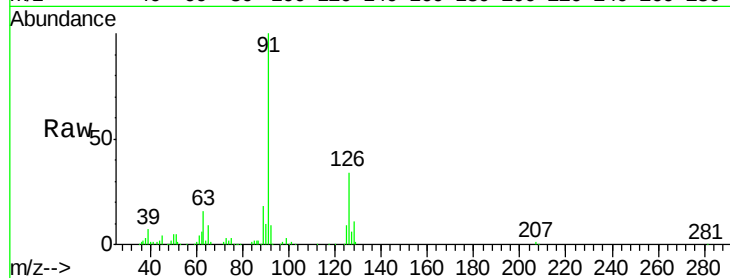
VSTDIC005

Tgt Ion: 91 Resp: 56795

Ion Ratio Lower Upper

91 100

126 34.8 0.0 68.4



#76

1,3,5-Trimethylbenzene

Concen: 4.570 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017298.D

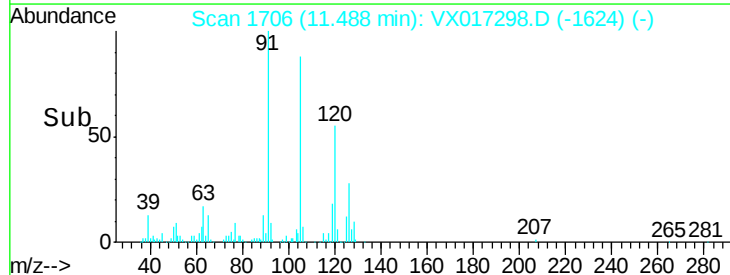
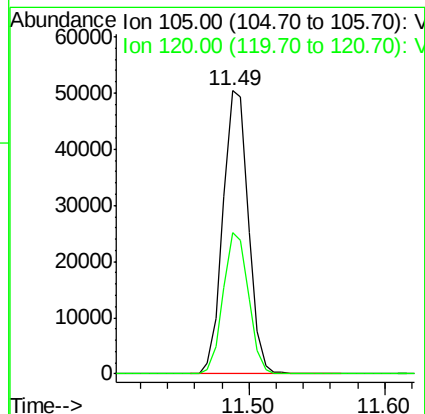
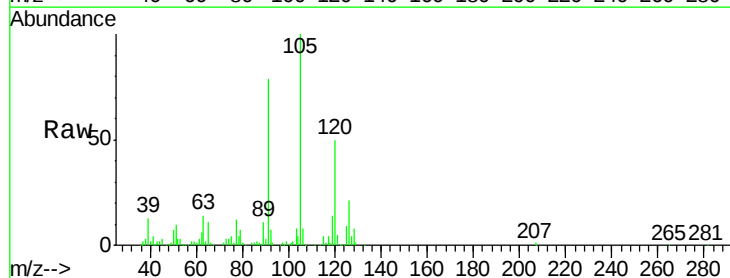
Acq: 09 Jul 2020 10:29

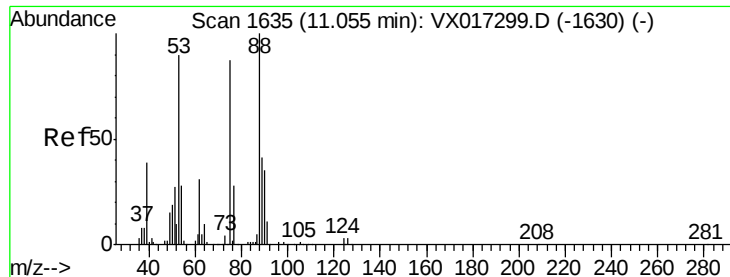
Tgt Ion: 105 Resp: 65511

Ion Ratio Lower Upper

105 100

120 49.6 0.0 98.8





#77

t-1,4-Dichloro-2-butene

Concen: 4.139 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017298.D

Acq: 09 Jul 2020 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

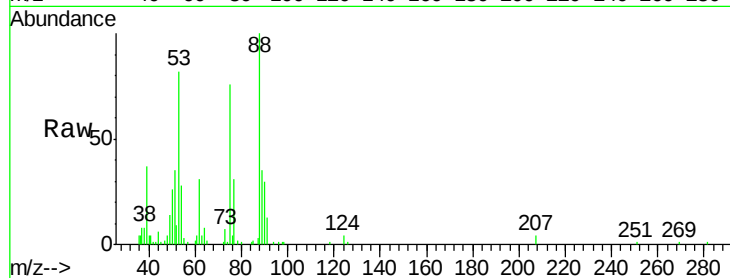
Tgt Ion: 75 Resp: 8396

Ion Ratio Lower Upper

75 100

53 106.8 52.1 156.3

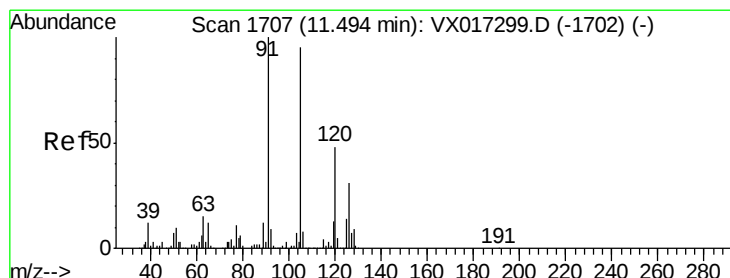
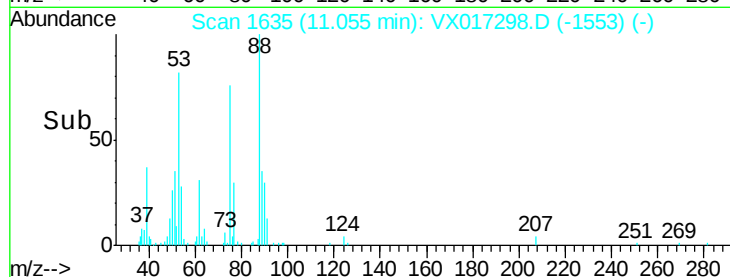
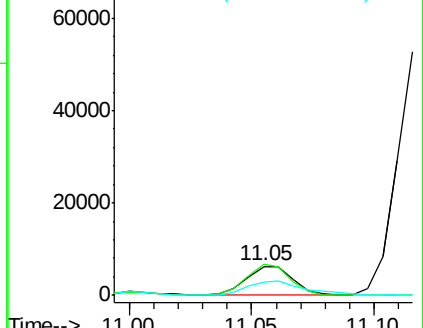
89 45.8 23.7 71.1



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 4.823 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017298.D

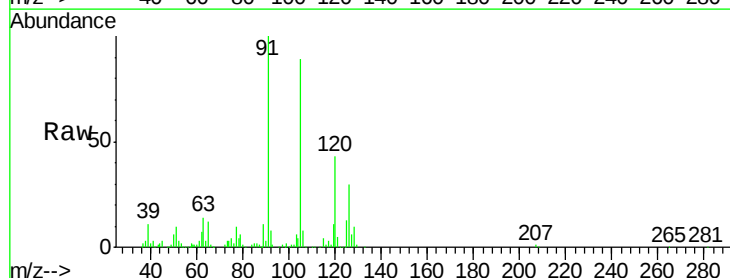
Acq: 09 Jul 2020 10:29

Tgt Ion: 91 Resp: 67533

Ion Ratio Lower Upper

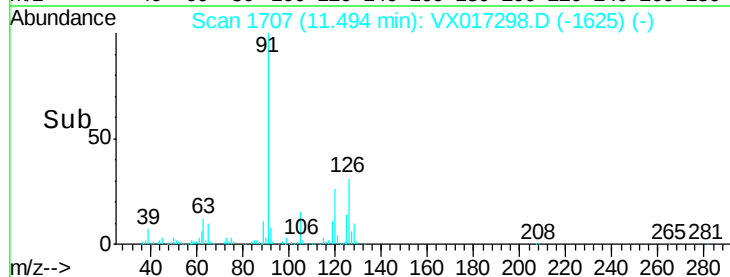
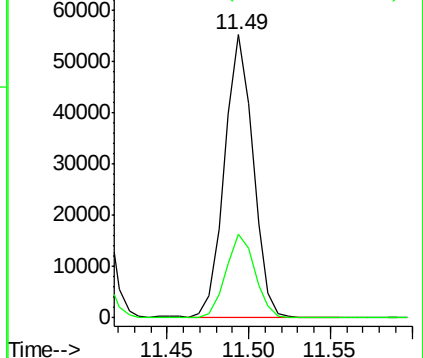
91 100

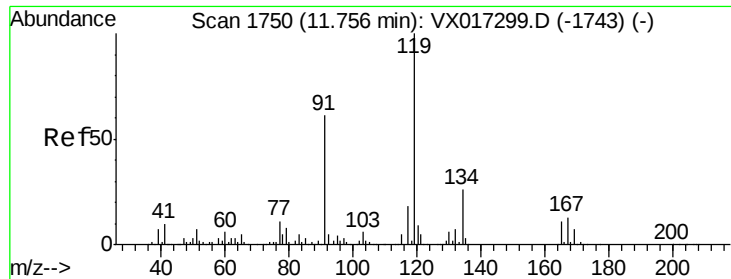
126 29.9 0.0 61.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

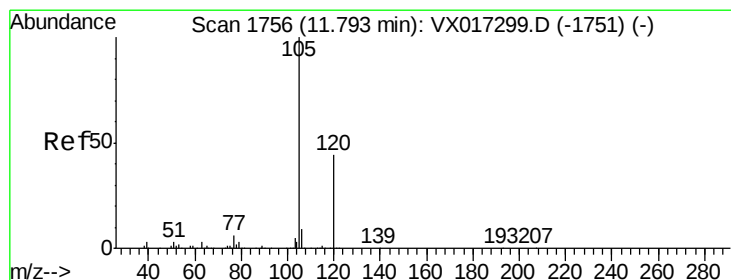
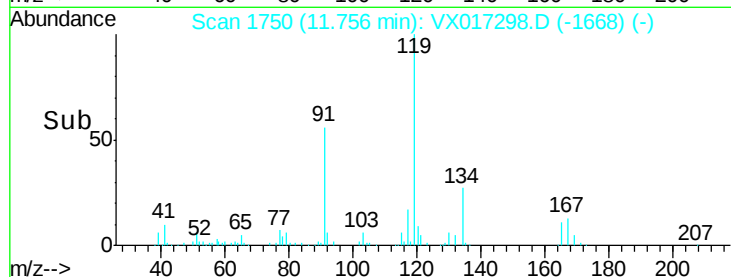
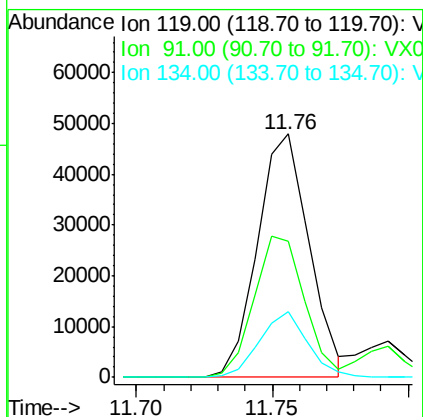
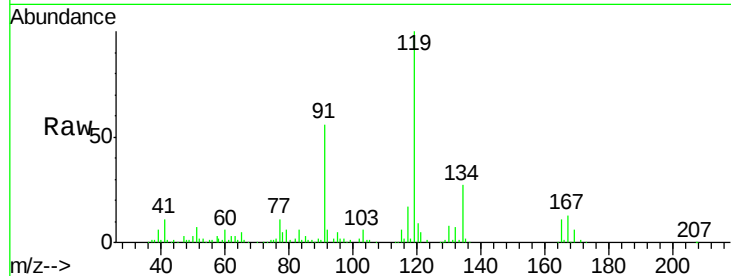




#79
tert-butylbenzene
Concen: 4.587 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

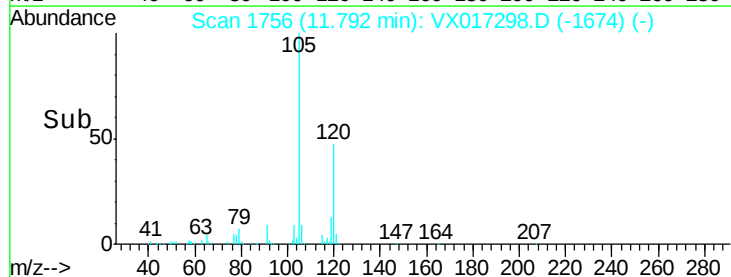
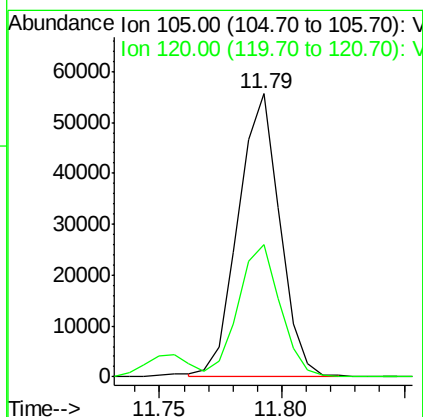
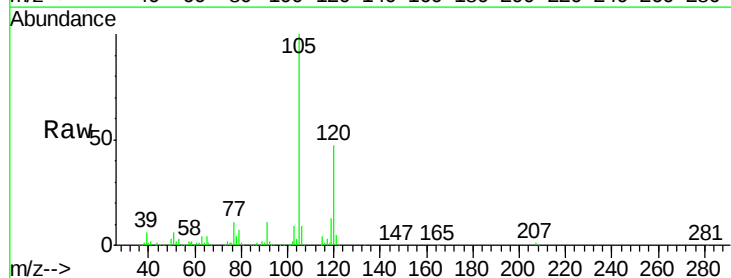
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

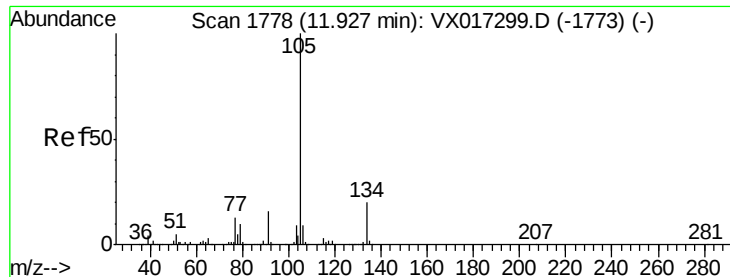
Tgt Ion:119 Resp: 62878
Ion Ratio Lower Upper
119 100
91 57.2 0.0 113.6
134 25.2 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 4.591 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion:105 Resp: 66025
Ion Ratio Lower Upper
105 100
120 47.2 0.0 93.6

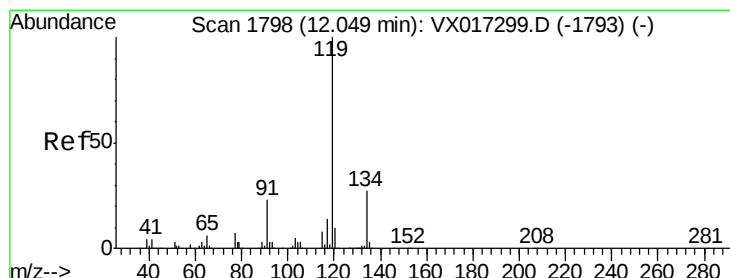
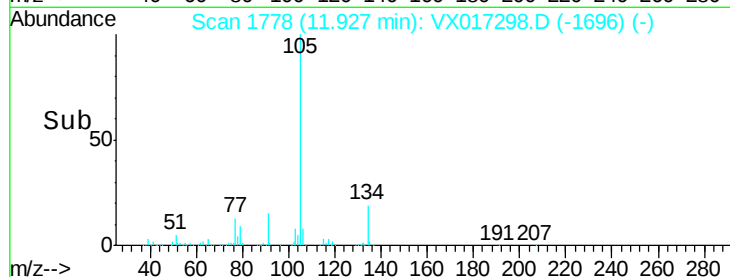
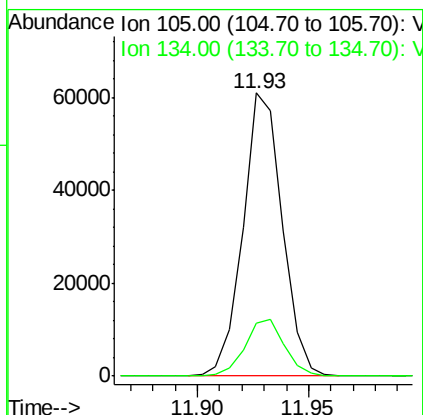
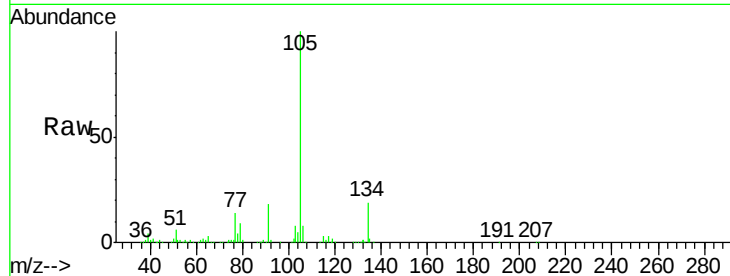




#81
 sec-Butylbenzene
 Concen: 4.557 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

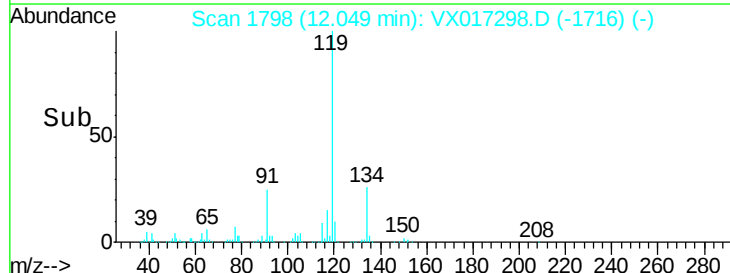
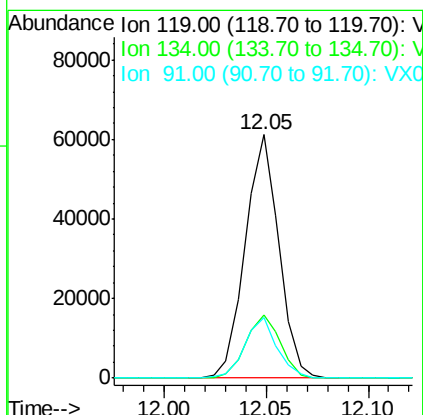
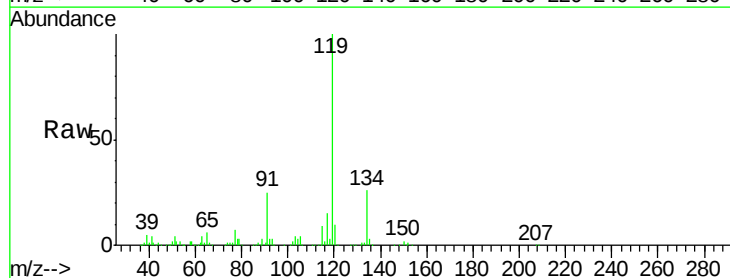
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

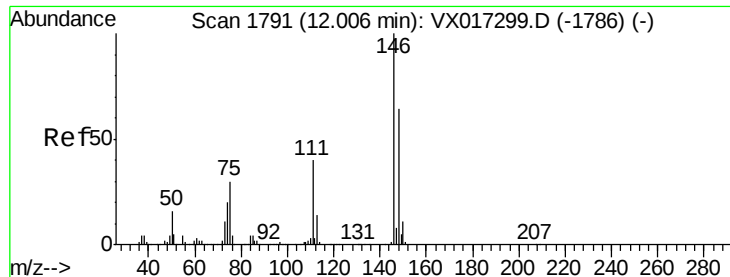
Tgt Ion:105 Resp: 75199
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 4.661 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion:119 Resp: 69959
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 53.6
 91 24.1 0.0 48.0

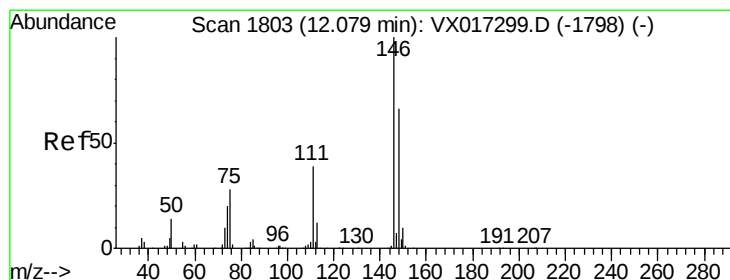
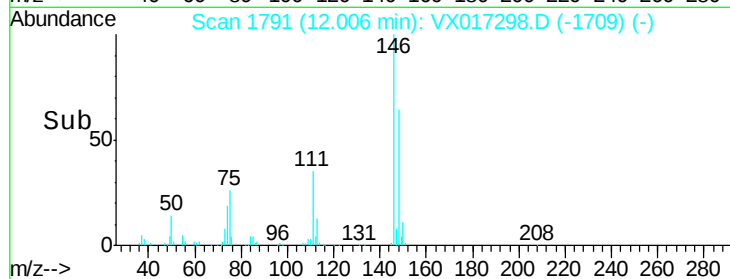
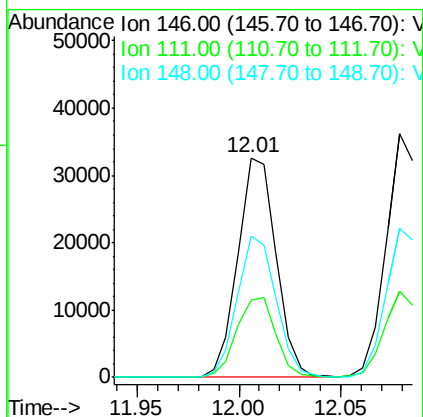
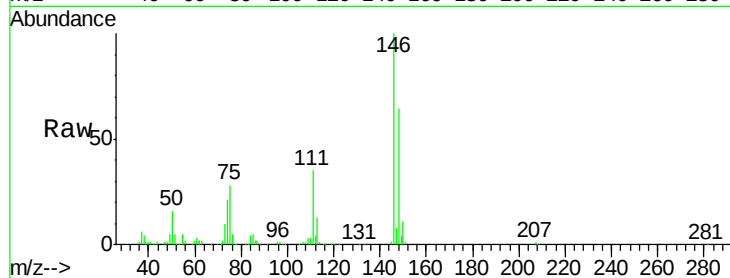




#83
 1,3-Dichlorobenzene
 Concen: 5.451 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

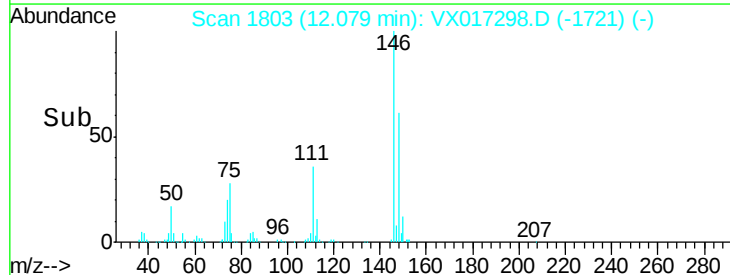
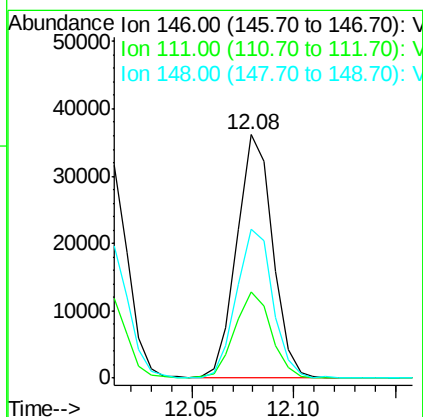
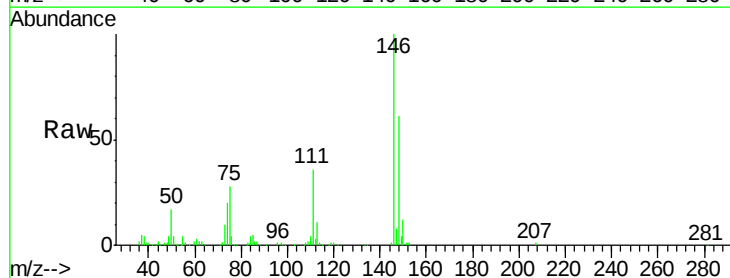
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

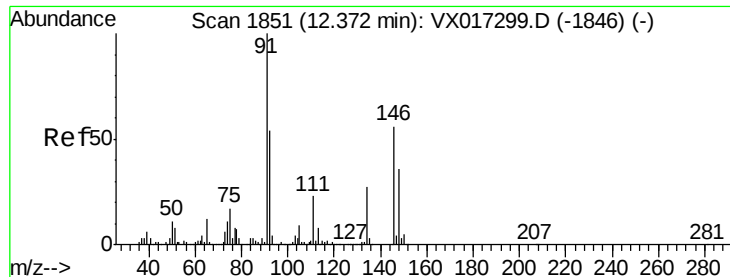
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.5	58.5
148	65.4	31.8	95.3



#84
 1,4-Dichlorobenzene
 Concen: 5.629 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	19.1	57.3
148	61.1	32.6	97.8

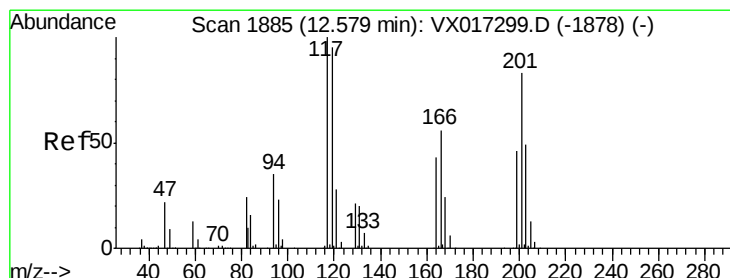
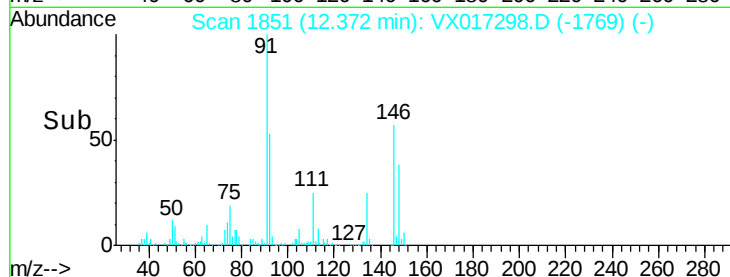
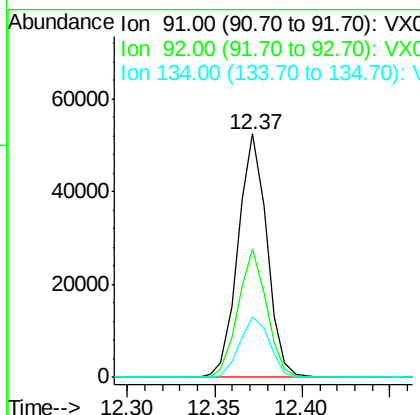
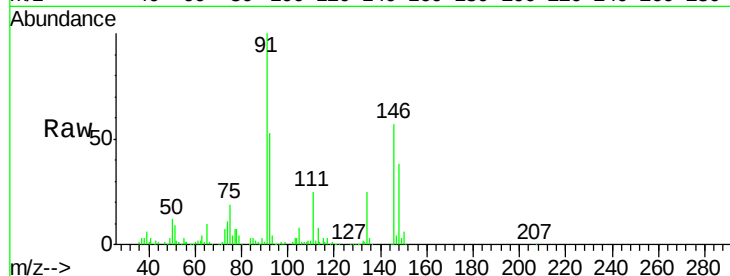




#85
n-Butylbenzene
Concen: 4.393 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

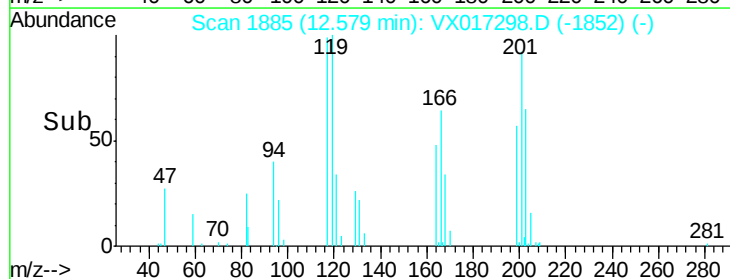
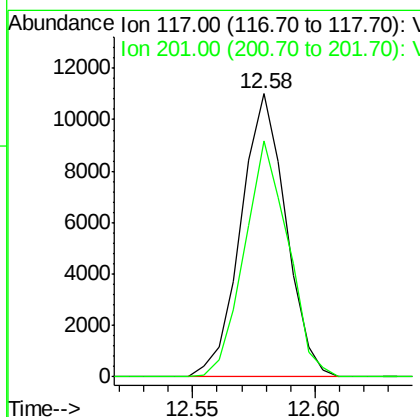
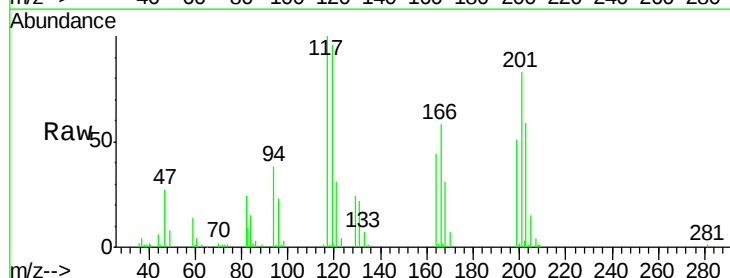
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

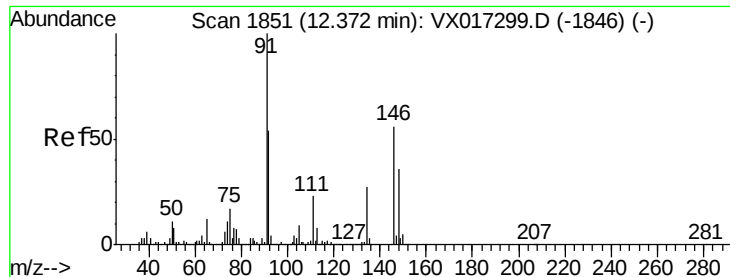
Tgt Ion: 91 Resp: 60157
Ion Ratio Lower Upper
91 100
92 52.0 0.0 108.2
134 25.9 0.0 54.2



#86
Hexachloroethane
Concen: 4.820 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion: 117 Resp: 14074
Ion Ratio Lower Upper
117 100
201 80.8 41.0 123.0

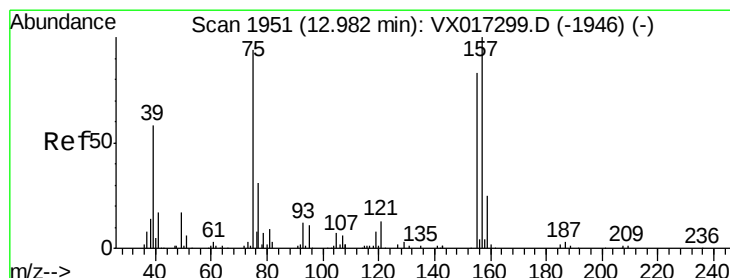
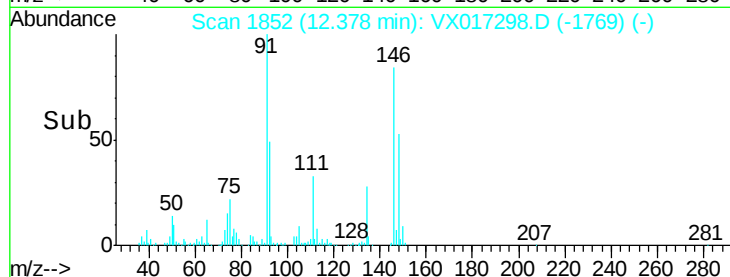
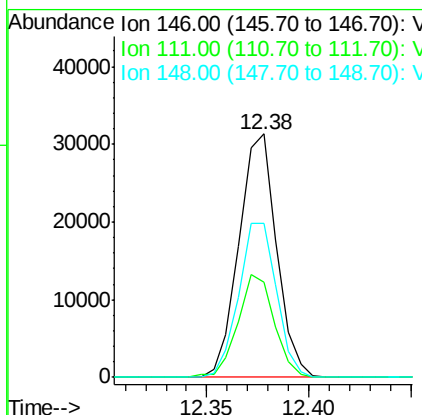
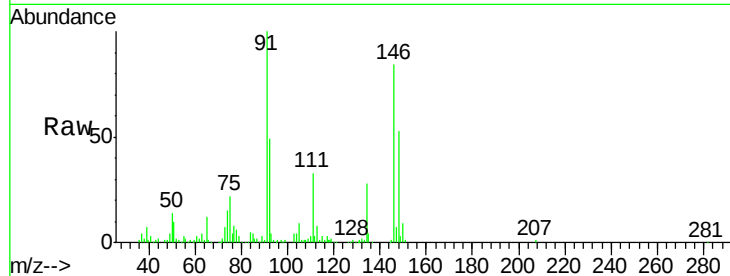




#87
 1,2-Dichlorobenzene
 Concen: 5.489 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

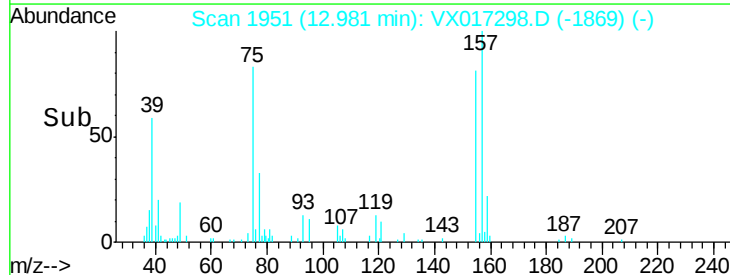
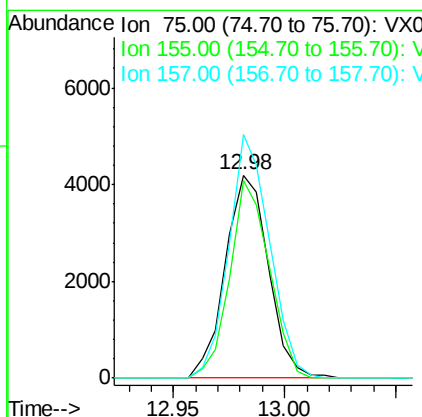
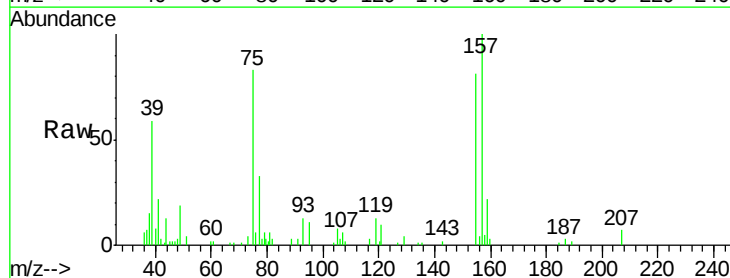
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

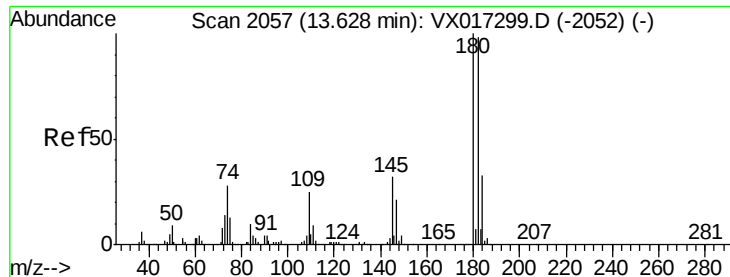
Tgt Ion: 146 Resp: 40296
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.9
 148 63.8 31.6 94.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.717 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion: 75 Resp: 5664
 Ion Ratio Lower Upper
 75 100
 155 88.8 73.4 110.0
 157 113.5 90.5 135.7

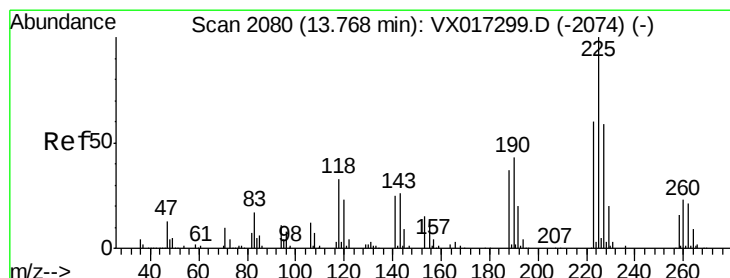
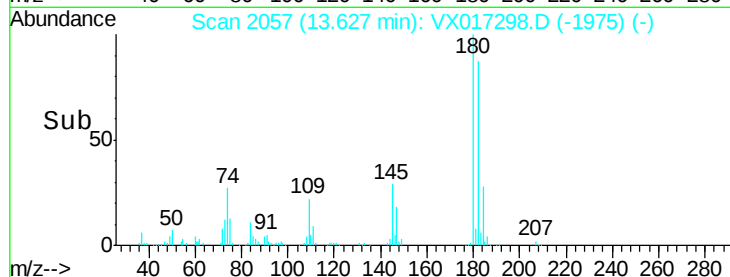
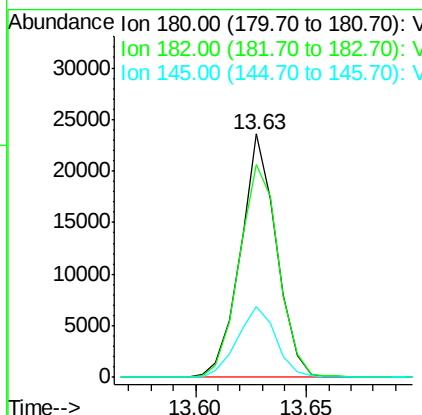
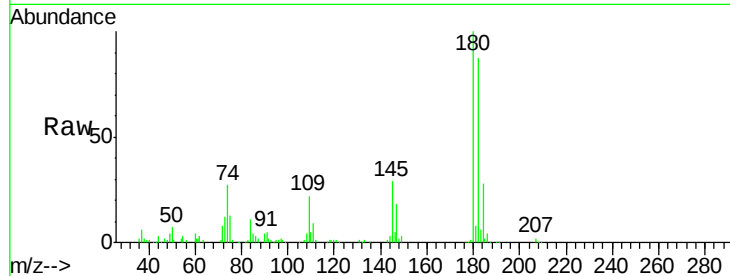




#89
 1,2,4-Trichlorobenzene
 Concen: 5.345 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

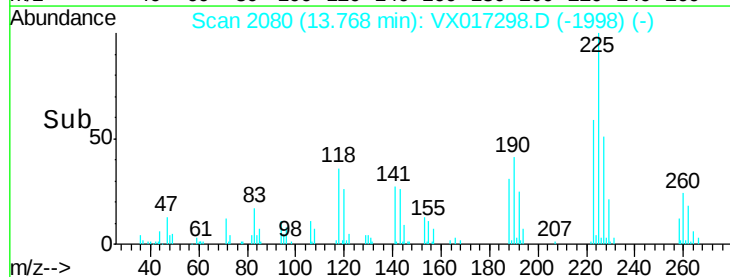
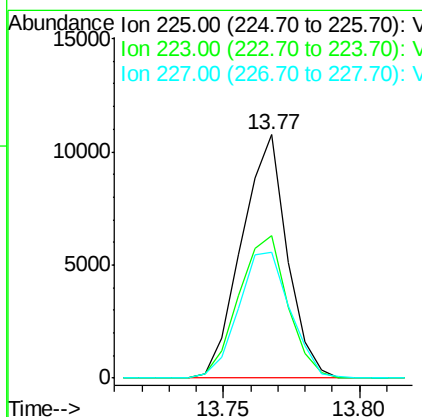
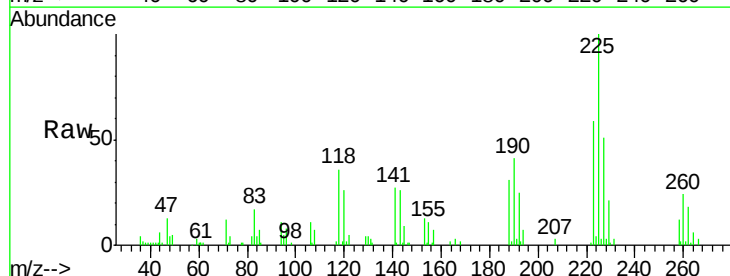
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

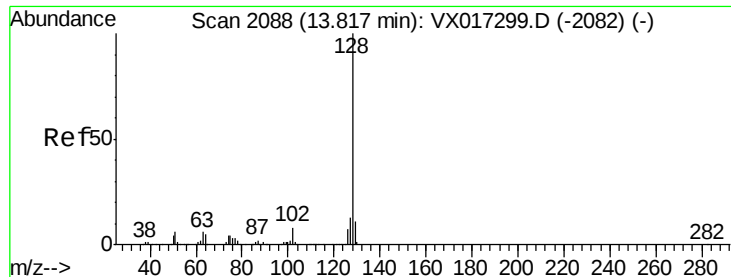
Tgt Ion:180 Resp: 26529
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.8 116.8
 145 31.4 25.0 37.4



#90
 Hexachlorobutadiene
 Concen: 6.473 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017298.D
 Acq: 09 Jul 2020 10:29

Tgt Ion:225 Resp: 12459
 Ion Ratio Lower Upper
 225 100
 223 63.4 0.0 129.0
 227 58.7 0.0 124.4

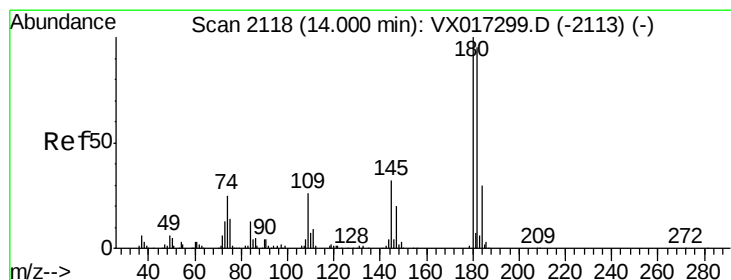
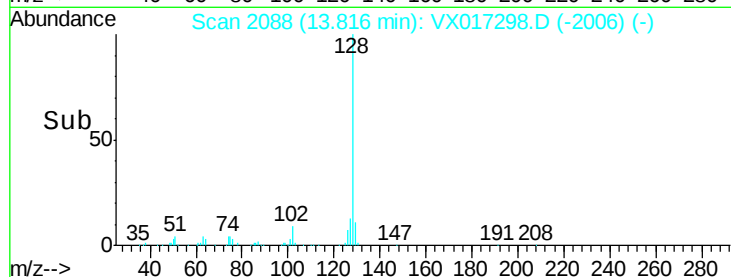
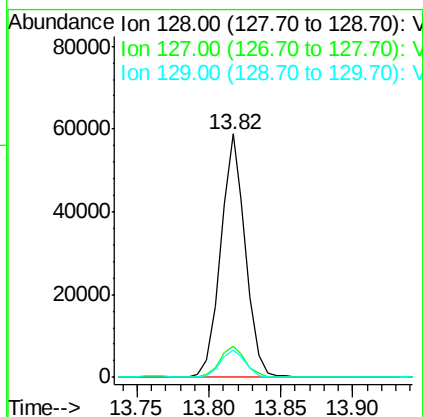
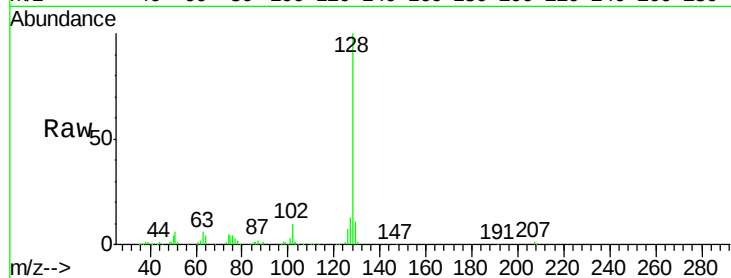




#91
Naphthalene
Concen: 4.411 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 70526
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.3 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 5.419 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017298.D
Acq: 09 Jul 2020 10:29

Tgt Ion:180 Resp: 26397
Ion Ratio Lower Upper
180 100
182 93.8 0.0 185.6
145 31.5 0.0 63.0

